

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012023\  
 Data File : VN076341.D  
 Acq On : 20 Jan 2023 12:25  
 Operator : JC\MD  
 Sample : VN0120WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120WBSD01

Quant Time: Jan 20 22:13:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:59:22 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 359856   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 567895   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 510094   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 238179   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 206739   | 51.310   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 102.620% |      |
| 35) Dibromofluoromethane    | 8.177  | 113   | 184544   | 51.949   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 103.900% |      |
| 50) Toluene-d8              | 10.571 | 98    | 674666   | 51.425   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 102.840% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 228736   | 53.407   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 106.820% |      |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 66768  | 18.106  | ug/l | 96  |
| 3) Chloromethane             | 2.371 | 50  | 65995  | 17.285  | ug/l | 92  |
| 4) Vinyl Chloride            | 2.530 | 62  | 85700  | 18.305  | ug/l | 99  |
| 5) Bromomethane              | 2.971 | 94  | 71845  | 18.739  | ug/l | 95  |
| 6) Chloroethane              | 3.130 | 64  | 66521  | 18.949  | ug/l | 92  |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 115837 | 17.985  | ug/l | 98  |
| 8) Diethyl Ether             | 3.977 | 74  | 41649  | 19.279  | ug/l | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 4.389 | 101 | 68231  | 18.713  | ug/l | 99  |
| 10) Methyl Iodide            | 4.600 | 142 | 101336 | 18.195  | ug/l | 98  |
| 11) Tert butyl alcohol       | 5.530 | 59  | 52593  | 97.586  | ug/l | 99  |
| 12) 1,1-Dichloroethene       | 4.353 | 96  | 59882  | 17.373  | ug/l | 91  |
| 13) Acrolein                 | 4.195 | 56  | 64851  | 100.619 | ug/l | 98  |
| 14) Allyl chloride           | 5.042 | 41  | 80012  | 19.920  | ug/l | 90  |
| 15) Acrylonitrile            | 5.730 | 53  | 145034 | 94.568  | ug/l | 99  |
| 16) Acetone                  | 4.442 | 43  | 117609 | 91.006  | ug/l | 98  |
| 17) Carbon Disulfide         | 4.730 | 76  | 139789 | 16.288  | ug/l | 98  |
| 18) Methyl Acetate           | 5.042 | 43  | 81064  | 18.519  | ug/l | 97  |
| 19) Methyl tert-butyl Ether  | 5.806 | 73  | 222856 | 19.861  | ug/l | 99  |
| 20) Methylene Chloride       | 5.289 | 84  | 79552  | 20.458  | ug/l | 96  |
| 21) trans-1,2-Dichloroethene | 5.806 | 96  | 67122  | 17.976  | ug/l | 93  |
| 22) Diisopropyl ether        | 6.683 | 45  | 182192 | 19.234  | ug/l | 94  |
| 23) Vinyl Acetate            | 6.612 | 43  | 605204 | 98.859  | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 115870 | 18.351  | ug/l | 98  |
| 25) 2-Butanone               | 7.489 | 43  | 181956 | 92.235  | ug/l | 96  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 100204 | 18.830  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 81172  | 18.638  | ug/l | 100 |
| 28) Bromochloromethane       | 7.818 | 49  | 52249  | 20.416  | ug/l | 97  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 117556 | 96.551  | ug/l | 99  |
| 30) Chloroform               | 7.971 | 83  | 131113 | 18.767  | ug/l | 99  |
| 31) Cyclohexane              | 8.265 | 56  | 107403 | 17.352  | ug/l | 99  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 118127 | 18.519  | ug/l | 92  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 91550  | 18.136  | ug/l | 100 |
| 37) Ethyl Acetate            | 7.571 | 43  | 79109  | 19.561  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 105471 | 18.736  | ug/l | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 117793 | 19.109  | ug/l | 96  |
| 40) Benzene                  | 8.612 | 78  | 283795 | 18.802  | ug/l | 98  |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120WBSD01

Quant Time: Jan 20 22:13:33 2023  
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 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:59:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.789  | 41   | 39355    | 18.564  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 100512   | 19.463  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 126721   | 19.239  | ug/l   | 100      |
| 44) Trichloroethene           | 9.359  | 130  | 76703    | 17.967  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 69462    | 19.221  | ug/l   | 97       |
| 46) Dibromomethane            | 9.712  | 93   | 51505    | 18.877  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.894  | 83   | 103221   | 19.505  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.682  | 41   | 59243    | 18.999  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 27154    | 412.692 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 382537   | 98.932  | ug/l   | 100      |
| 52) Toluene                   | 10.635 | 92   | 187153   | 18.541  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 100015   | 19.826  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 112409   | 19.368  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 75047    | 19.451  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 104247   | 20.929  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 120714   | 19.253  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 150219   | 89.332  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.200 | 43   | 274893   | 98.106  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.365 | 129  | 82222    | 20.244  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 74612    | 19.374  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 84550    | 18.380  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.894 | 112  | 202417   | 18.772  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 78380    | 19.537  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 351745   | 19.060  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.071 | 106  | 282887   | 38.228  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 139665   | 19.219  | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 225404   | 19.426  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 57383    | 19.806  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 365948   | 19.861  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 103656   | 19.557  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 102001   | 19.257  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 121555   | 27.590  | ug/l   | 85       |
| 77) Bromobenzene              | 12.982 | 156  | 86603    | 19.764  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.041 | 91   | 403966   | 19.431  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 243812   | 19.111  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 304105   | 19.701  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 26297    | 18.370  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 243812   | 19.111  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 279577   | 20.364  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 306434   | 19.798  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 376667   | 19.772  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 317969   | 20.298  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 157388   | 18.123  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.818 | 146  | 155032   | 18.829  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 241448   | 19.416  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 51584    | 19.079  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 156897   | 18.139  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 18299    | 19.874  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 73264    | 18.377  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 41004    | 17.864  | ug/l   | 98       |
| 95) Naphthalene               | 15.647 | 128  | 219791   | 18.946  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 70926    | 18.546  | ug/l   | 99       |

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Sample : VN0120WBSD01  
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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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Quant Title : SW846 8260  
QLast Update : Tue Jan 17 03:59:22 2023  
Response via : Initial Calibration

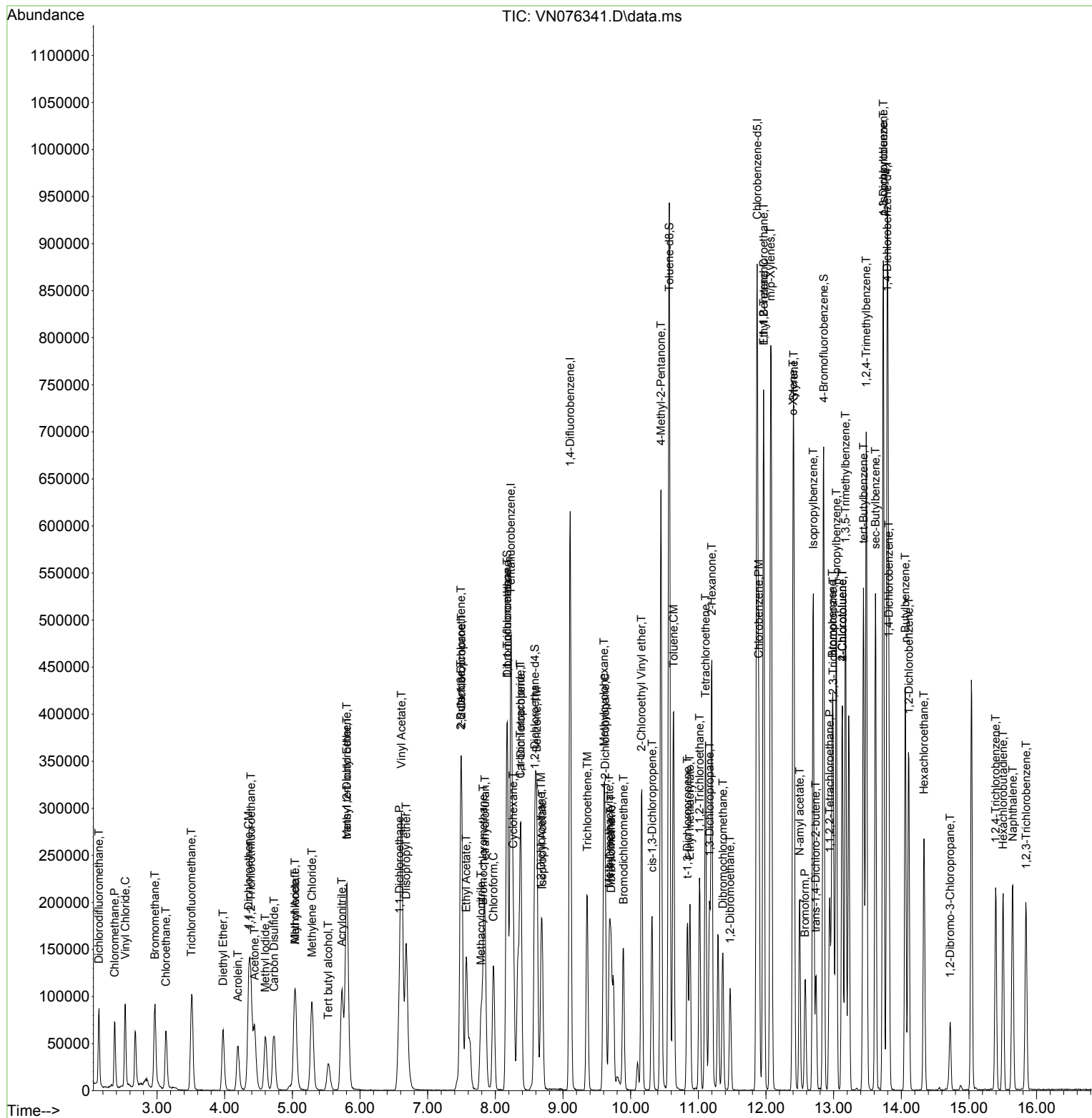
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

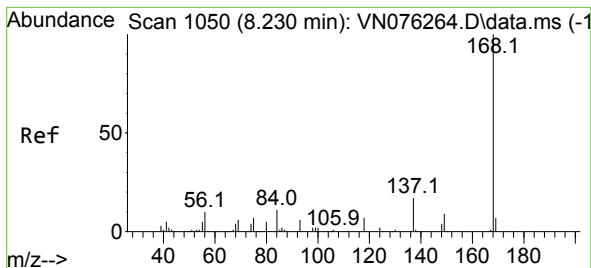
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 Sample : VN0120WBSD01  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

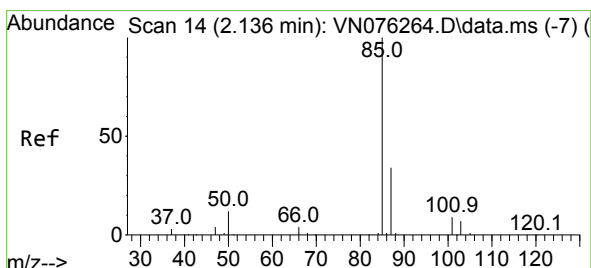
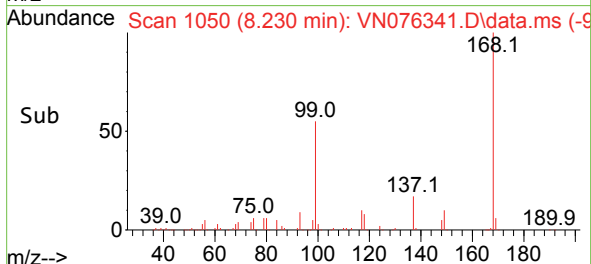
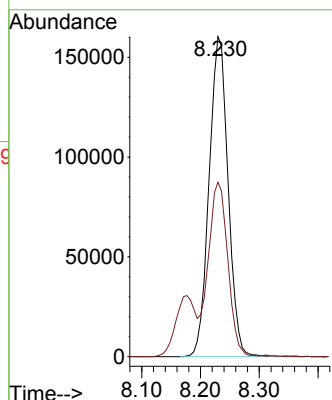
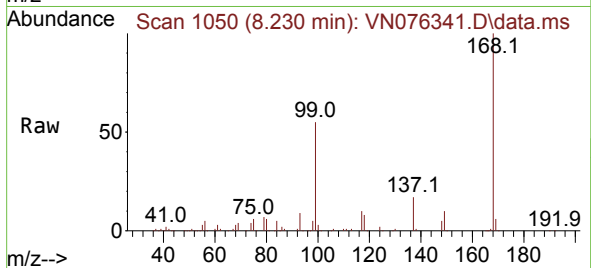
VN0120WBSD01

Tgt Ion:168 Resp: 359856

Ion Ratio Lower Upper

168 100

99 54.4 41.6 62.4



#2

Dichlorodifluoromethane

Concen: 18.106 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076341.D

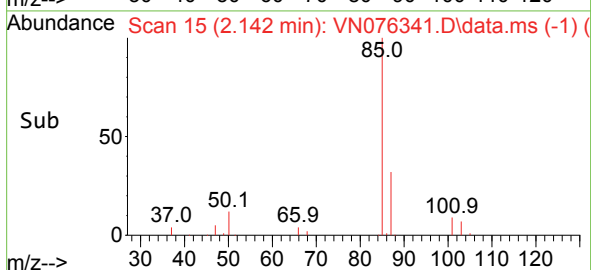
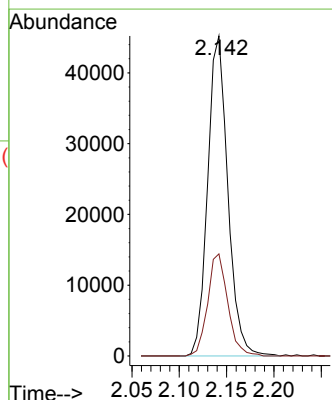
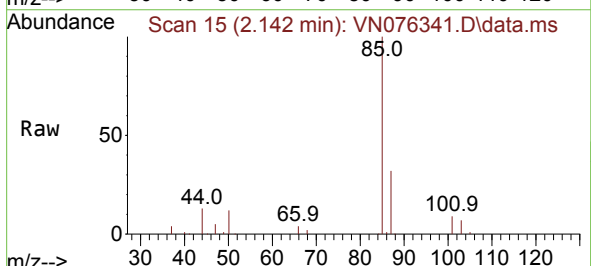
Acq: 20 Jan 2023 12:25

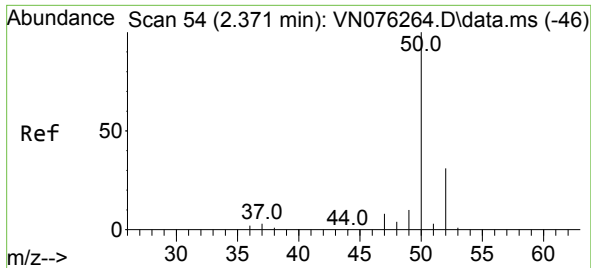
Tgt Ion: 85 Resp: 66768

Ion Ratio Lower Upper

85 100

87 31.9 17.1 51.2

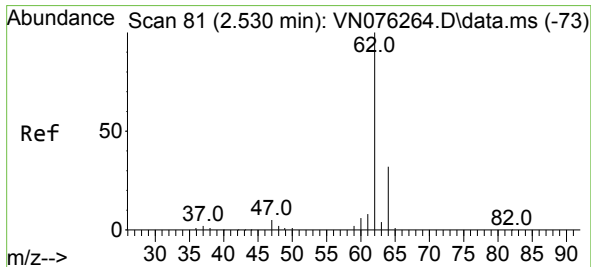
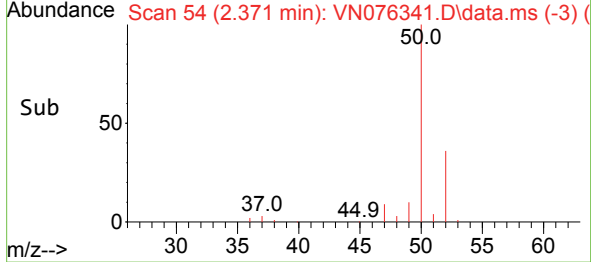
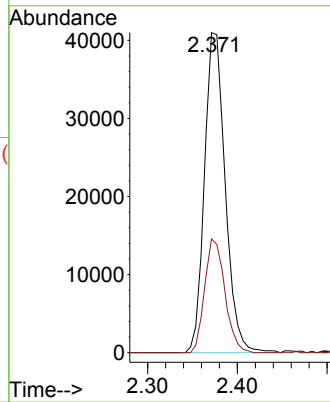
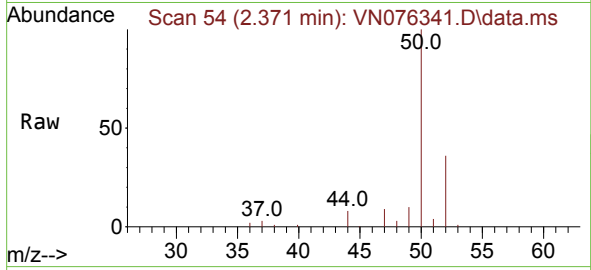




#3  
Chloromethane  
Concen: 17.285 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
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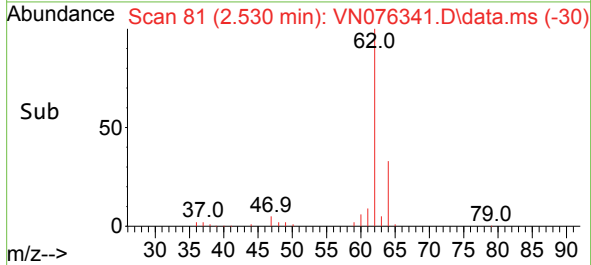
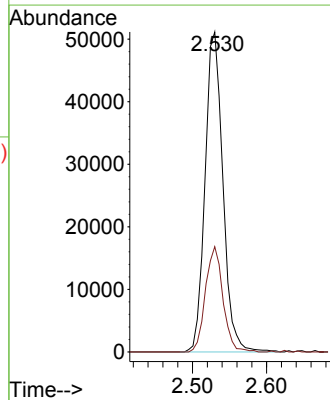
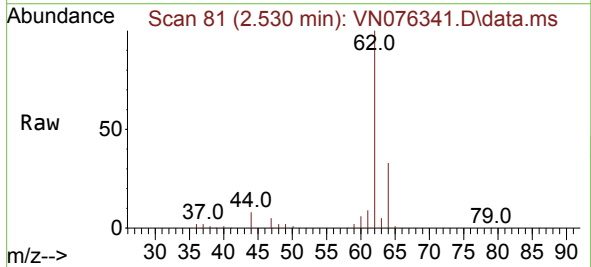
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

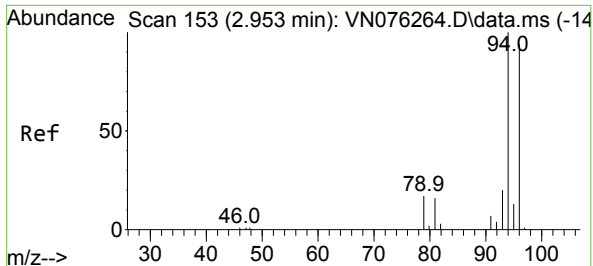
Tgt Ion: 50 Resp: 65995  
Ion Ratio Lower Upper  
50 100  
52 35.5 24.8 37.2



#4  
Vinyl Chloride  
Concen: 18.305 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 62 Resp: 85700  
Ion Ratio Lower Upper  
62 100  
64 32.9 25.8 38.6

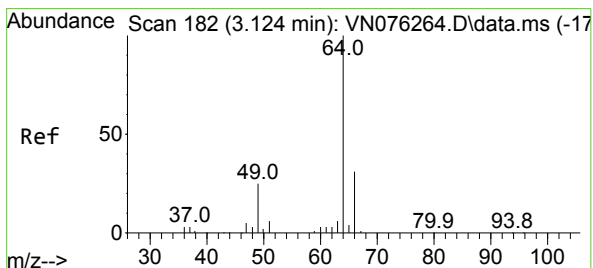
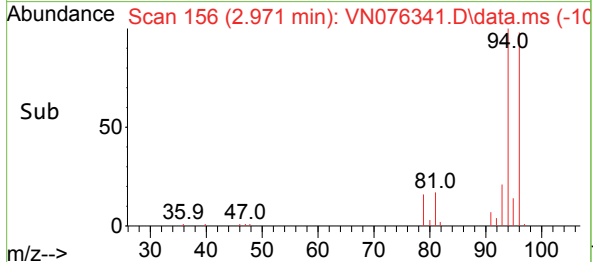
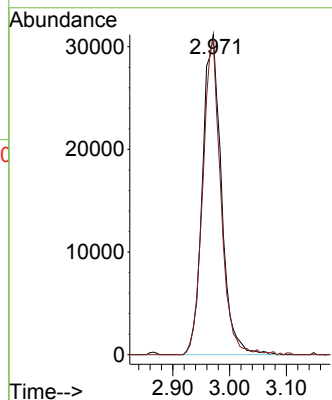
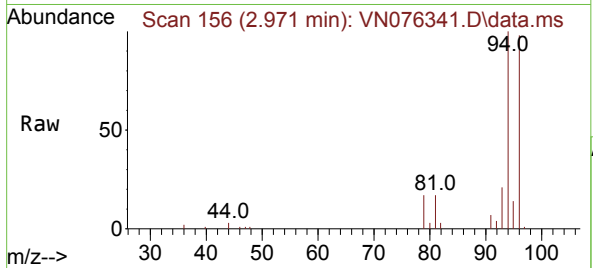




#5  
Bromomethane  
Concen: 18.739 ug/l  
RT: 2.971 min Scan# 156  
Delta R.T. 0.018 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

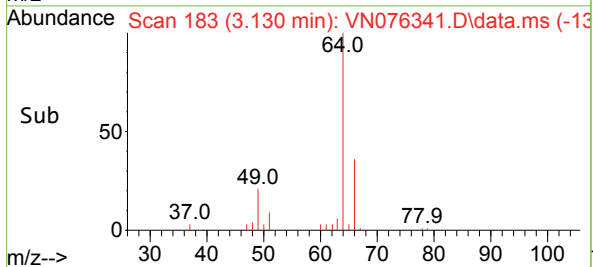
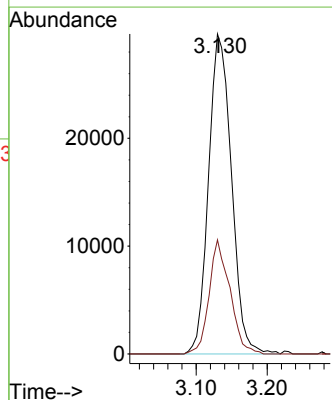
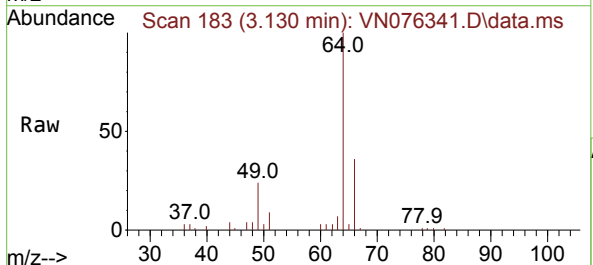
Instrument :  
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VN0120WBSD01

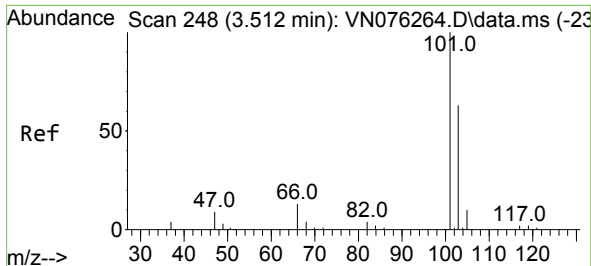
Tgt Ion: 94 Resp: 71845  
Ion Ratio Lower Upper  
94 100  
96 98.4 75.1 112.7



#6  
Chloroethane  
Concen: 18.949 ug/l  
RT: 3.130 min Scan# 183  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 64 Resp: 66521  
Ion Ratio Lower Upper  
64 100  
66 35.6 24.8 37.2

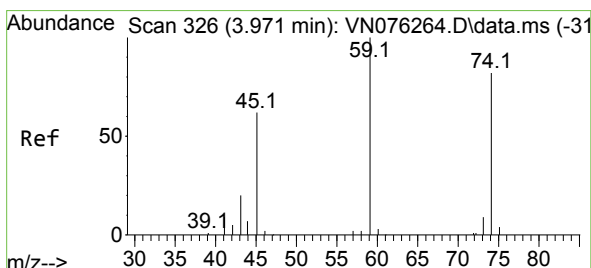
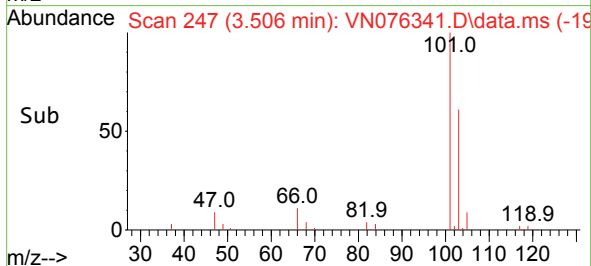
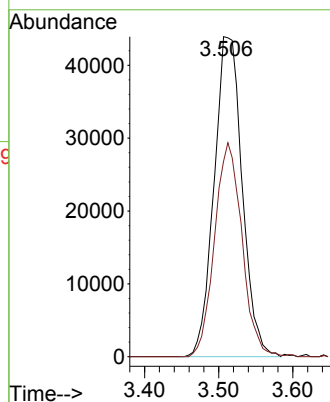
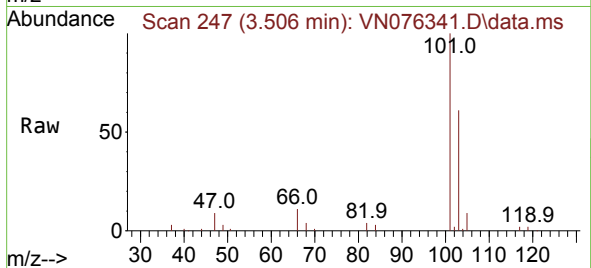




#7  
Trichlorofluoromethane  
Concen: 17.985 ug/l  
RT: 3.506 min Scan# 248  
Delta R.T. -0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

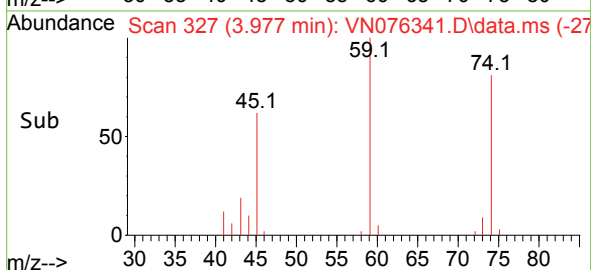
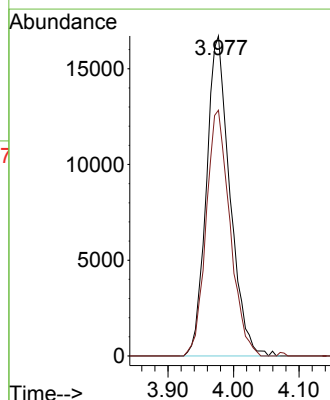
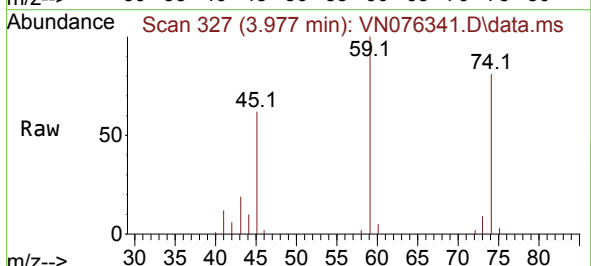
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

Tgt Ion:101 Resp: 115837  
Ion Ratio Lower Upper  
101 100  
103 61.0 50.2 75.4

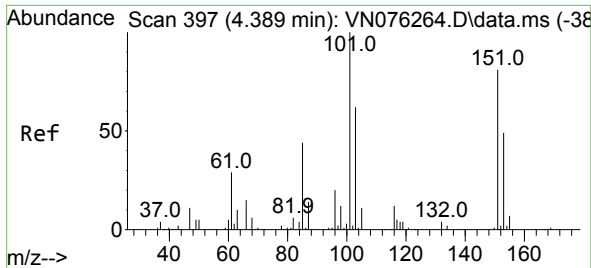


#8  
Diethyl Ether  
Concen: 19.279 ug/l  
RT: 3.977 min Scan# 327  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 74 Resp: 41649  
Ion Ratio Lower Upper  
74 100  
45 78.0 37.8 113.3



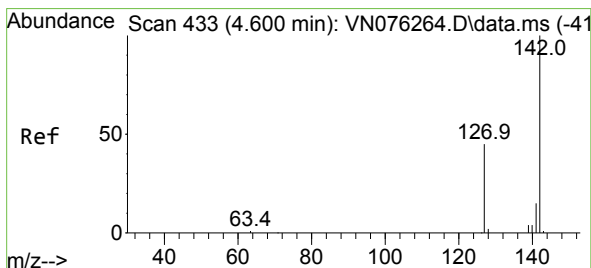
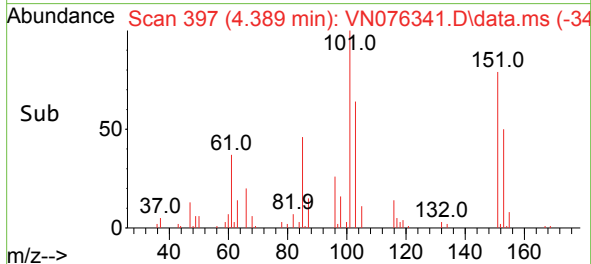
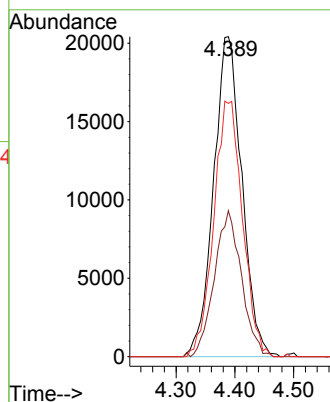
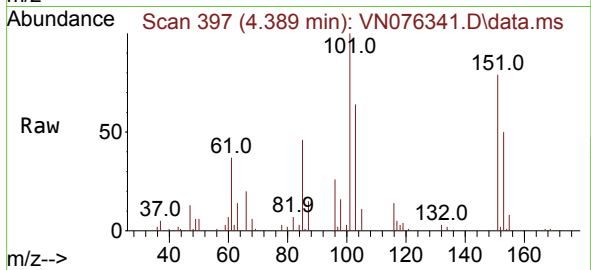




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.713 ug/l  
RT: 4.389 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

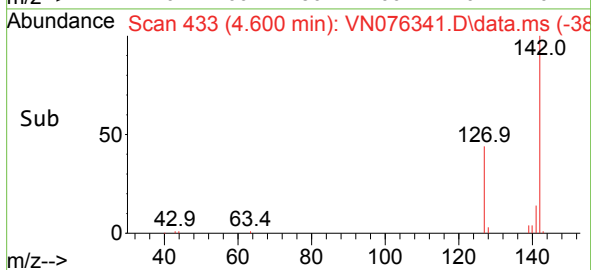
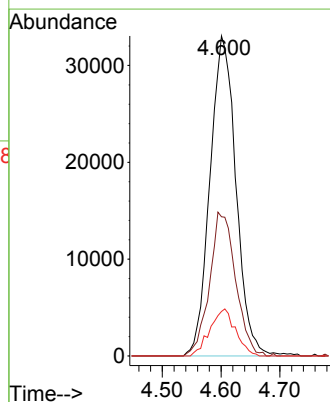
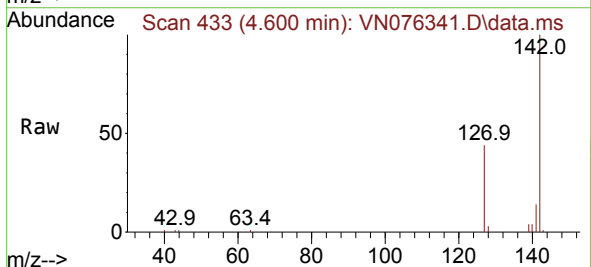
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

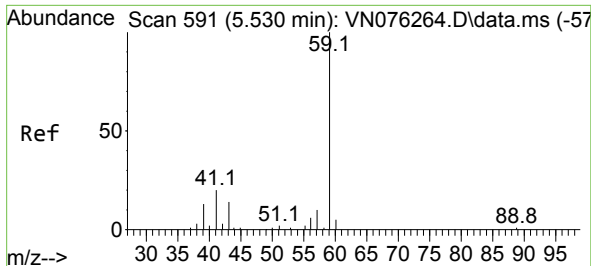
Tgt Ion:101 Resp: 68231  
Ion Ratio Lower Upper  
101 100  
85 43.8 35.5 53.3  
151 81.0 65.5 98.3



#10  
Methyl Iodide  
Concen: 18.195 ug/l  
RT: 4.600 min Scan# 433  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion:142 Resp: 101336  
Ion Ratio Lower Upper  
142 100  
127 45.1 35.0 52.4  
141 14.5 11.5 17.3

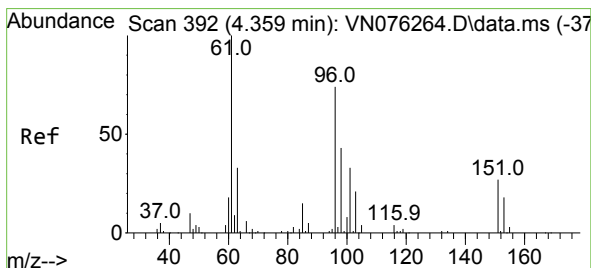
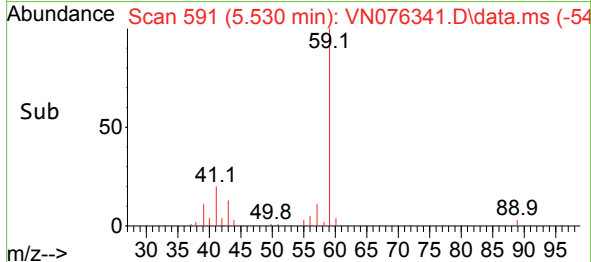
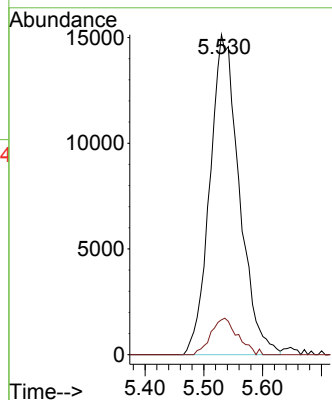
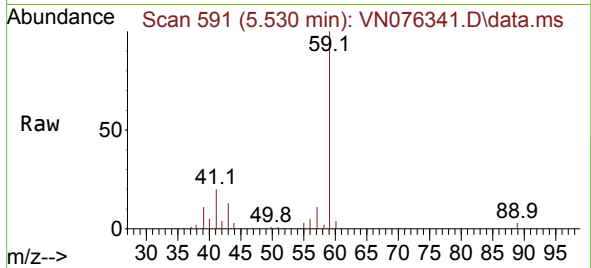




#11  
Tert butyl alcohol  
Concen: 97.586 ug/l  
RT: 5.530 min Scan# 591  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

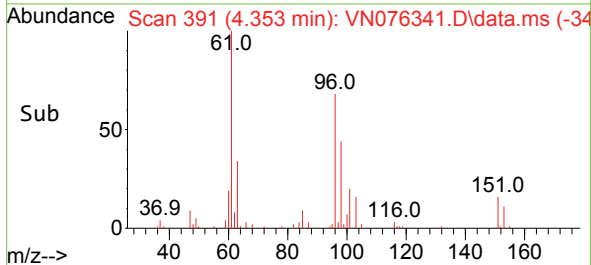
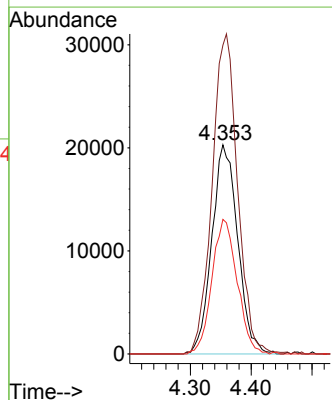
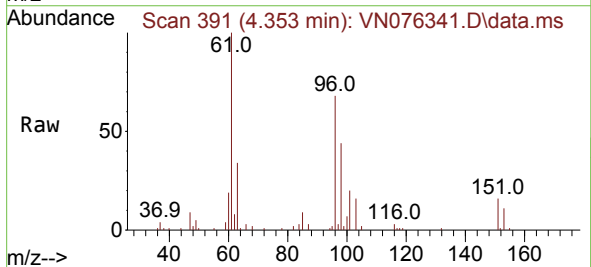
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

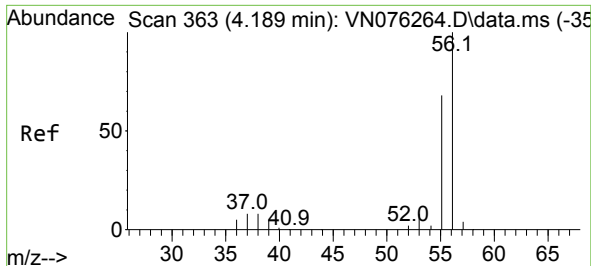
Tgt Ion: 59 Resp: 52593  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 17.373 ug/l  
RT: 4.353 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 96 Resp: 59882  
Ion Ratio Lower Upper  
96 100  
61 147.7 108.2 162.4  
98 64.4 47.0 70.6





#13

Acrolein

Concen: 100.619 ug/l

RT: 4.195 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

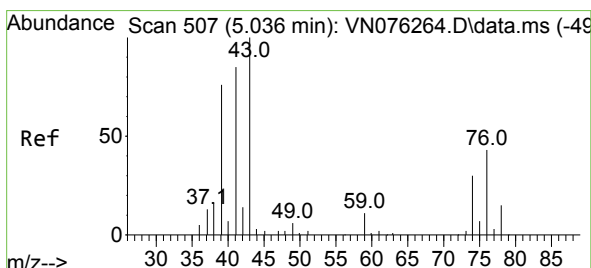
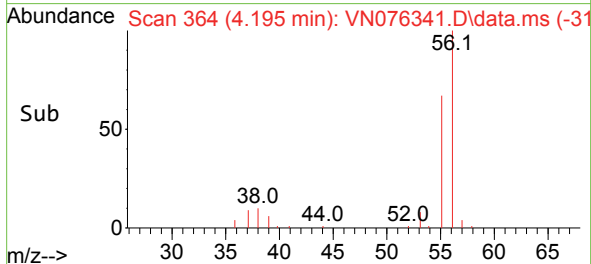
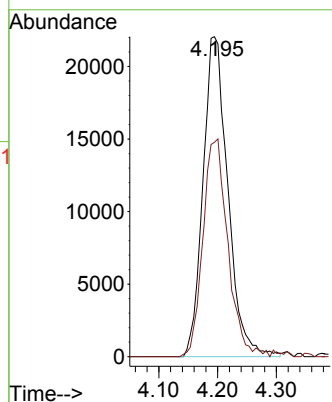
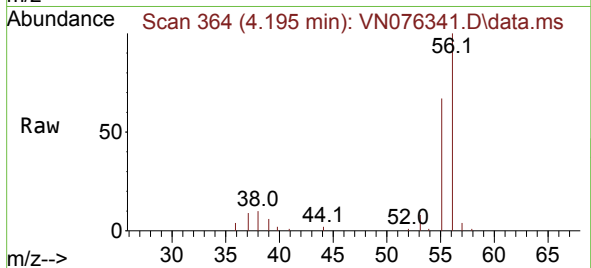
VN0120WBSD01

Tgt Ion: 56 Resp: 64851

Ion Ratio Lower Upper

56 100

55 68.0 55.8 83.6



#14

Allyl chloride

Concen: 19.920 ug/l

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

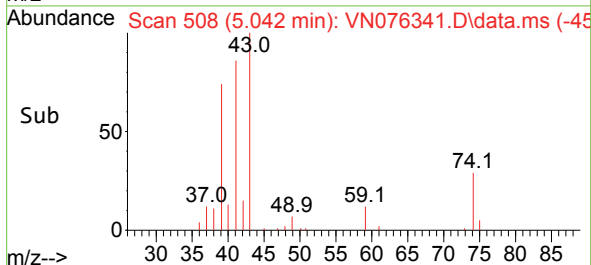
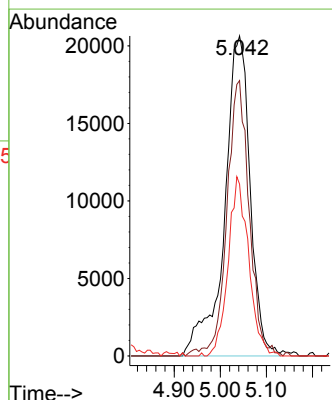
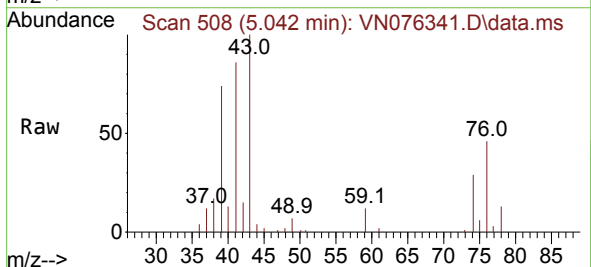
Tgt Ion: 41 Resp: 80012

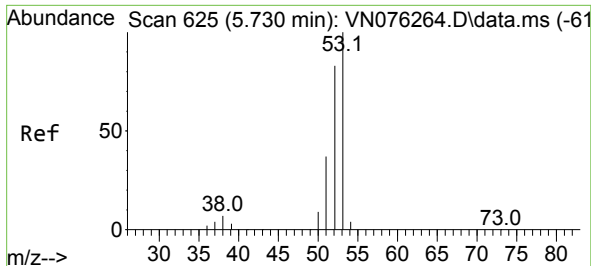
Ion Ratio Lower Upper

41 100

39 74.4 67.4 101.0

76 44.7 39.8 59.8

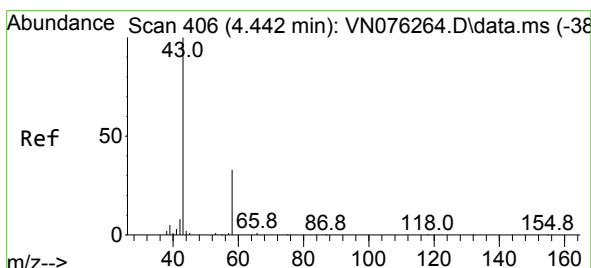
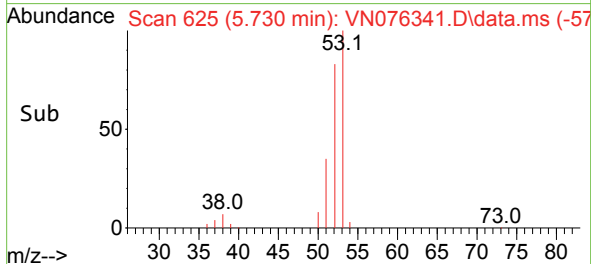
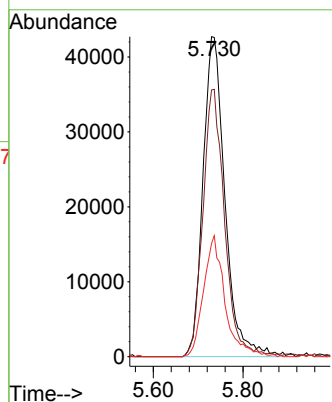
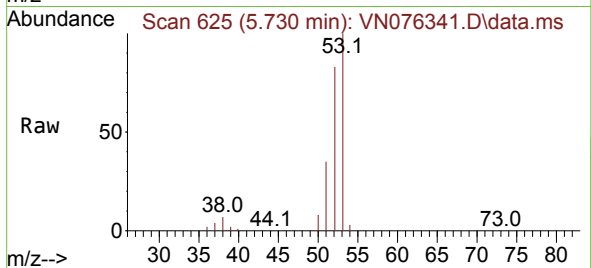




#15  
Acrylonitrile  
Concen: 94.568 ug/l  
RT: 5.730 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

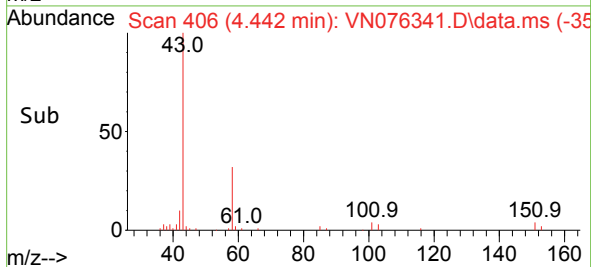
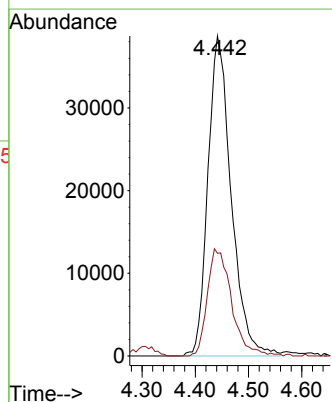
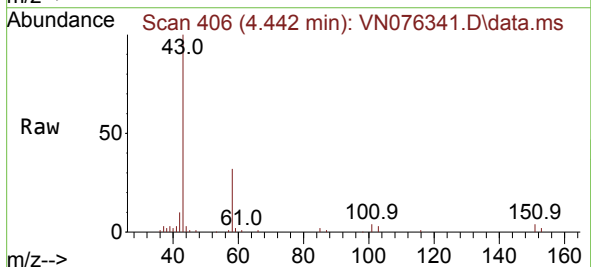
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

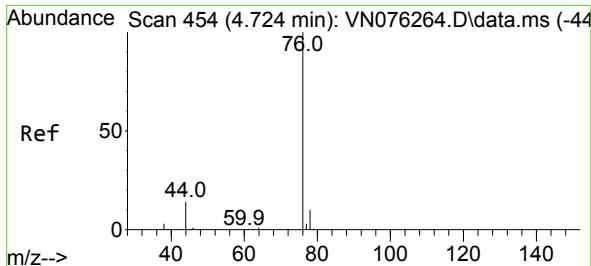
Tgt Ion: 53 Resp: 145034  
Ion Ratio Lower Upper  
53 100  
52 82.1 64.7 97.1  
51 37.0 29.2 43.8



#16  
Acetone  
Concen: 91.006 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 43 Resp: 117609  
Ion Ratio Lower Upper  
43 100  
58 32.1 26.7 40.1

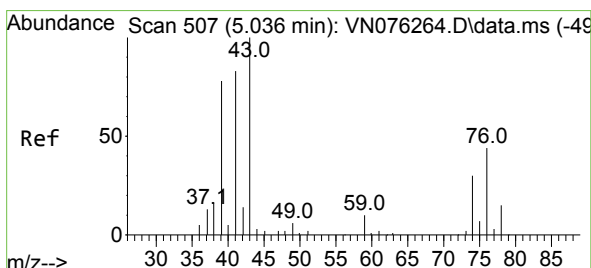
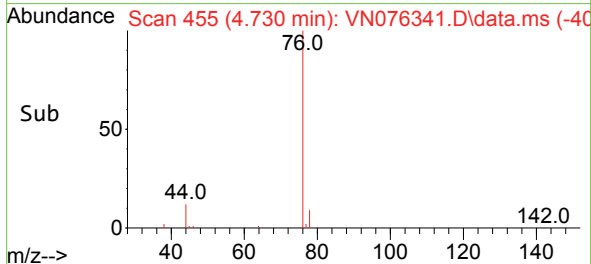
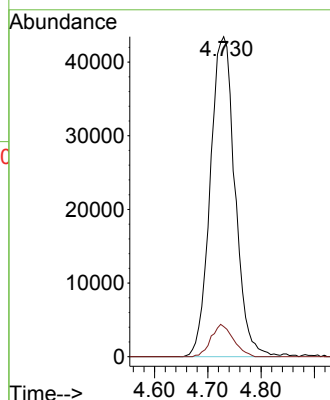
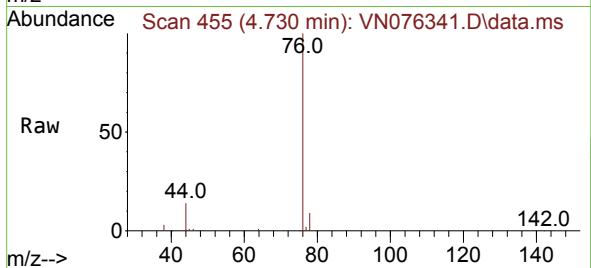




#17  
Carbon Disulfide  
Concen: 16.288 ug/l  
RT: 4.730 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

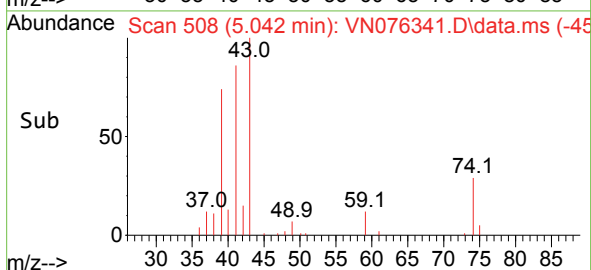
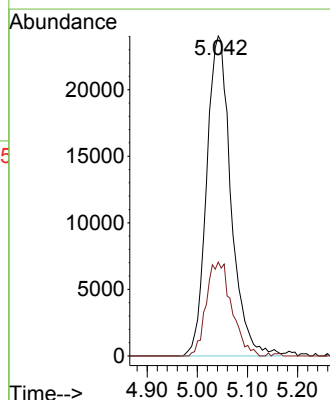
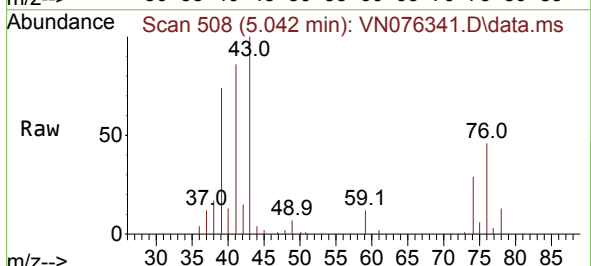
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

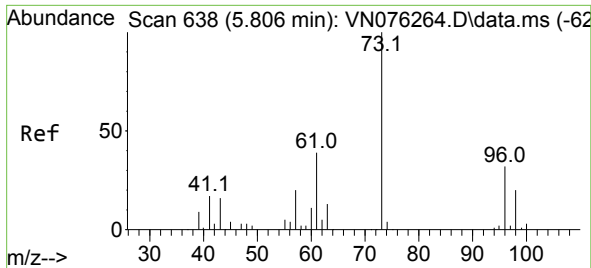
Tgt Ion: 76 Resp: 139789  
Ion Ratio Lower Upper  
76 100  
78 9.4 8.0 12.0



#18  
Methyl Acetate  
Concen: 18.519 ug/l  
RT: 5.042 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 43 Resp: 81064  
Ion Ratio Lower Upper  
43 100  
74 30.7 23.3 34.9

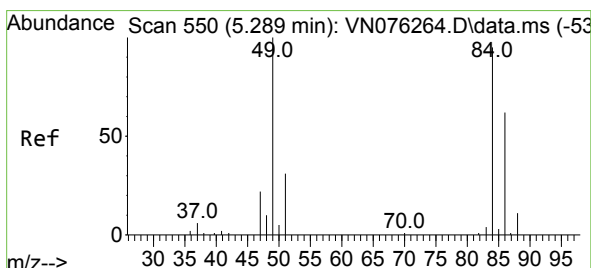
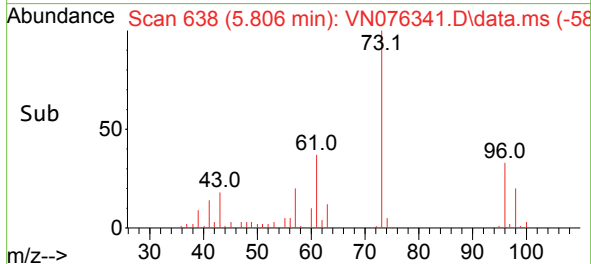
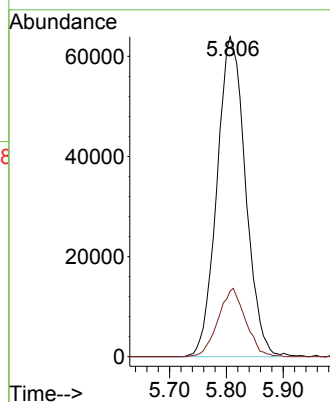
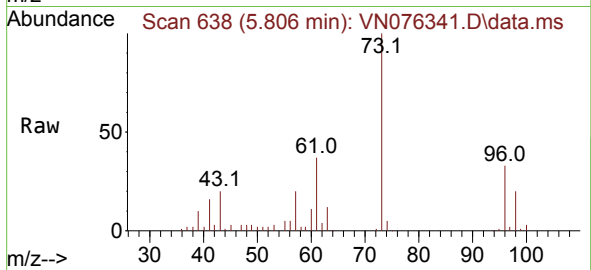




#19  
Methyl tert-butyl Ether  
Concen: 19.861 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

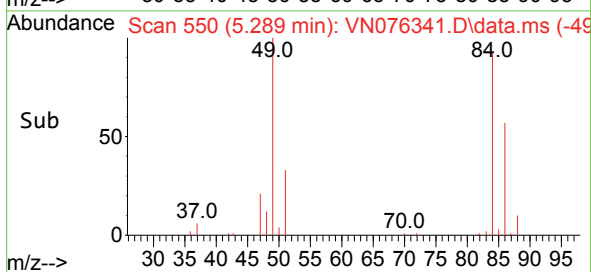
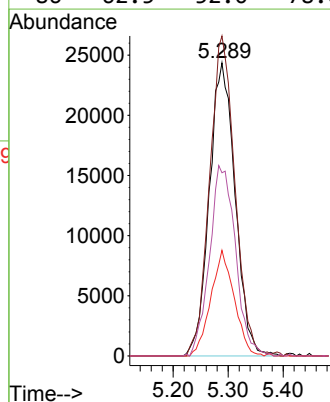
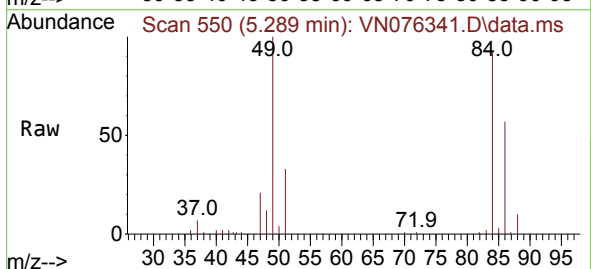
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

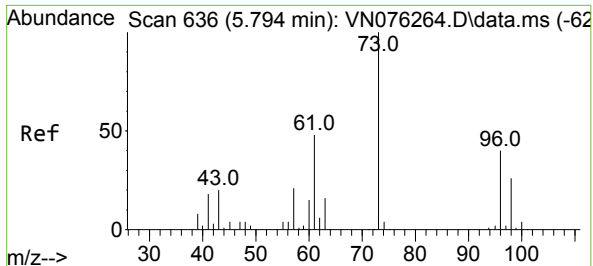
Tgt Ion: 73 Resp: 222856  
Ion Ratio Lower Upper  
73 100  
57 20.5 15.9 23.9



#20  
Methylene Chloride  
Concen: 20.458 ug/l  
RT: 5.289 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 84 Resp: 79552  
Ion Ratio Lower Upper  
84 100  
49 109.2 84.5 126.7  
51 36.0 26.0 39.0  
86 62.5 52.0 78.0

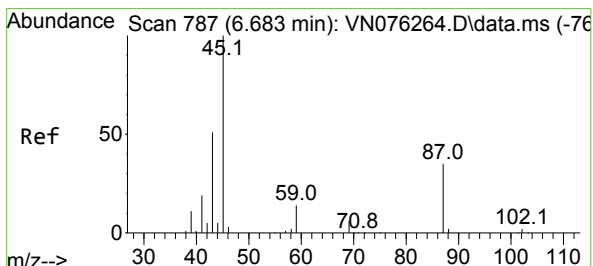
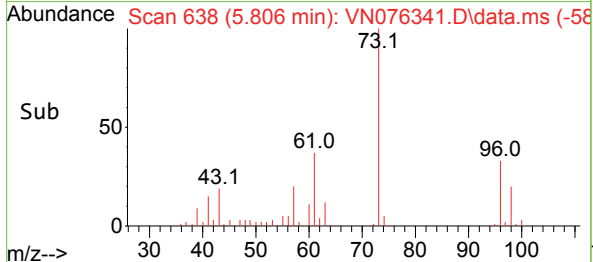
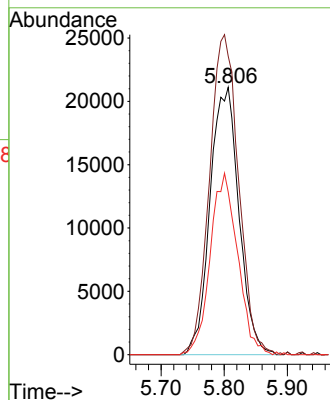
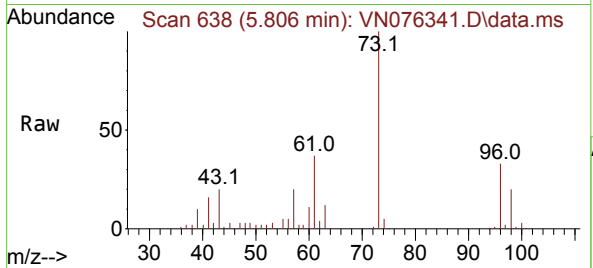




#21  
trans-1,2-Dichloroethene  
Concen: 17.976 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

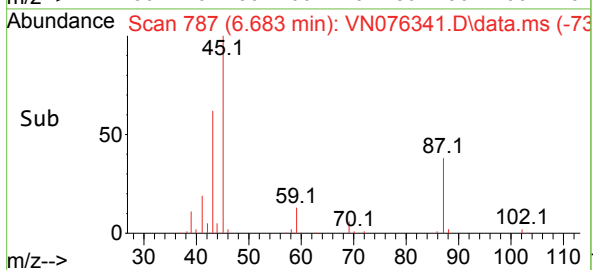
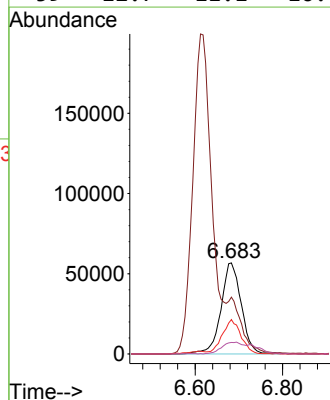
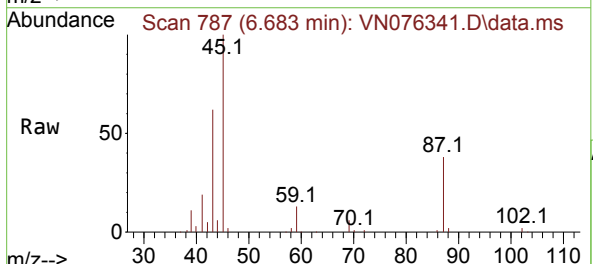
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

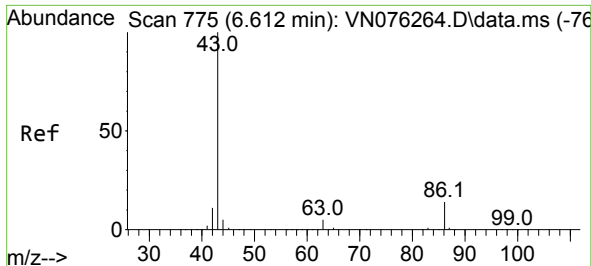
Tgt Ion: 96 Resp: 67122  
Ion Ratio Lower Upper  
96 100  
61 111.7 97.0 145.4  
98 60.8 51.9 77.9



#22  
Diisopropyl ether  
Concen: 19.234 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 45 Resp: 182192  
Ion Ratio Lower Upper  
45 100  
43 61.1 44.4 66.6  
87 37.9 28.4 42.6  
59 12.7 11.1 16.7

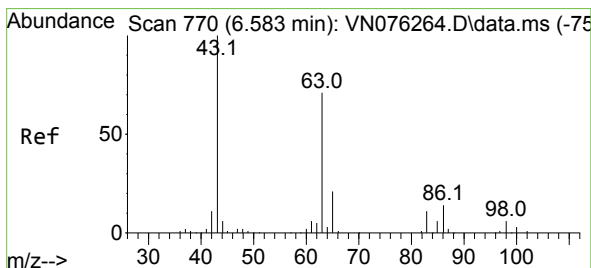
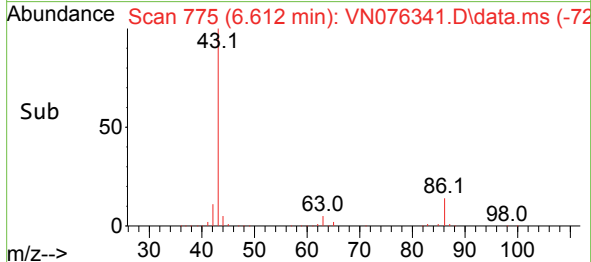
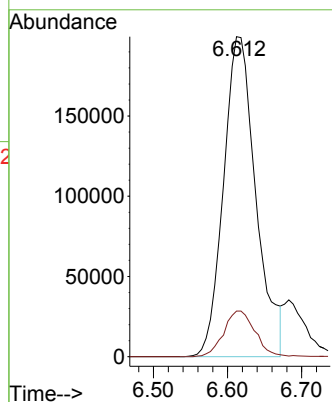
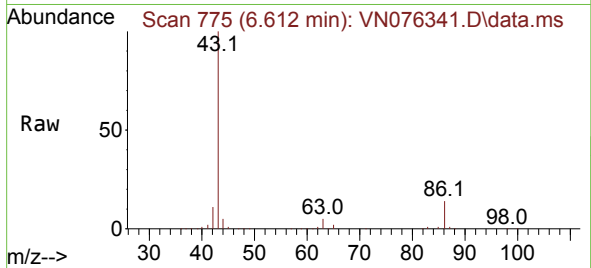




#23  
 Vinyl Acetate  
 Concen: 98.859 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. 0.000 min  
 Lab File: VN076341.D  
 Acq: 20 Jan 2023 12:25

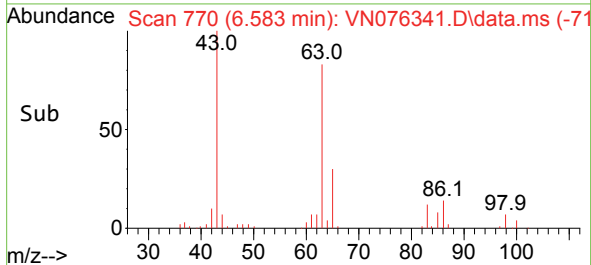
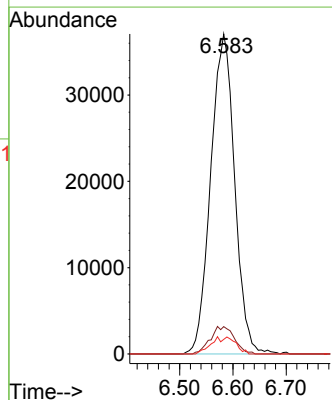
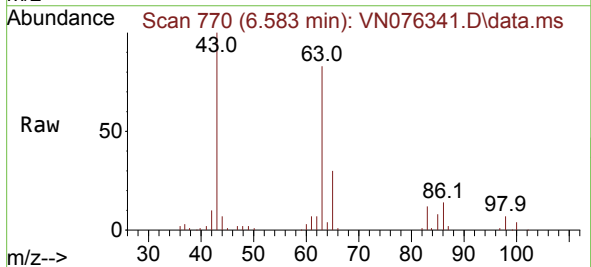
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120WBSD01

Tgt Ion: 43 Resp: 605204  
 Ion Ratio Lower Upper  
 43 100  
 86 14.2 11.2 16.8

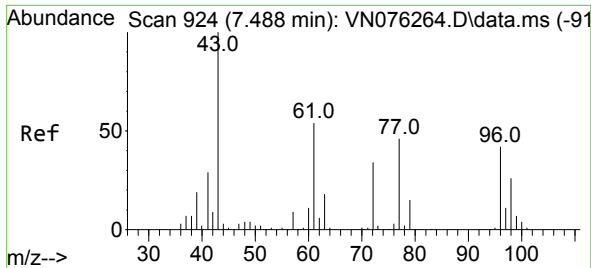


#24  
 1,1-Dichloroethane  
 Concen: 18.351 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. -0.000 min  
 Lab File: VN076341.D  
 Acq: 20 Jan 2023 12:25

Tgt Ion: 63 Resp: 115870  
 Ion Ratio Lower Upper  
 63 100  
 98 8.6 3.9 11.7  
 100 4.6 2.2 6.6







#25

2-Butanone

Concen: 92.235 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.001 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

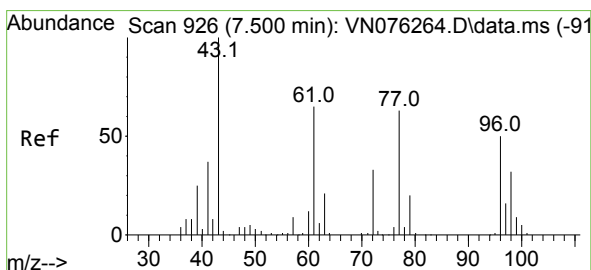
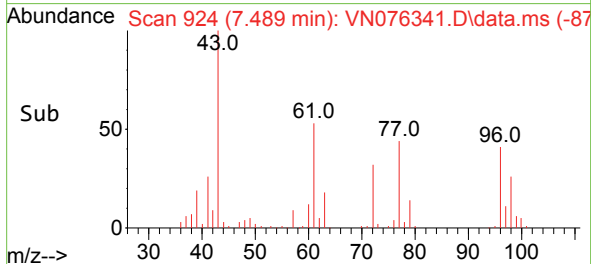
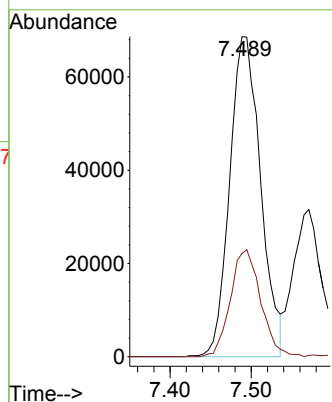
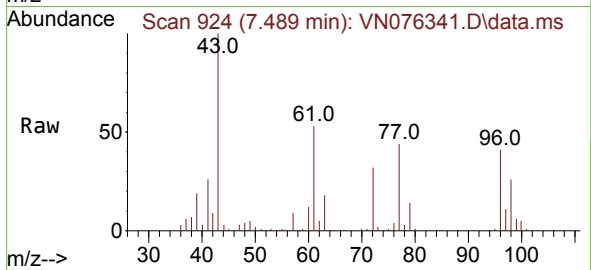
VN0120WBSD01

Tgt Ion: 43 Resp: 181956

Ion Ratio Lower Upper

43 100

72 32.2 27.4 41.2



#26

2,2-Dichloropropane

Concen: 18.830 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076341.D

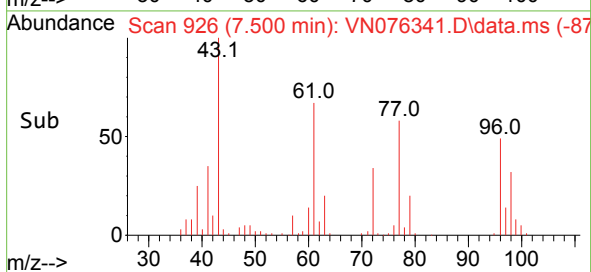
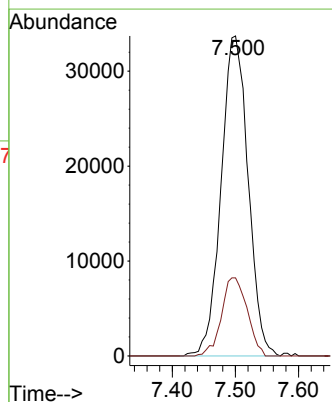
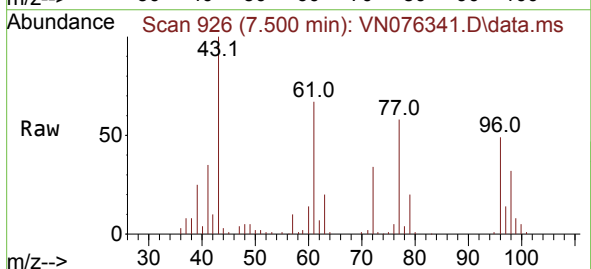
Acq: 20 Jan 2023 12:25

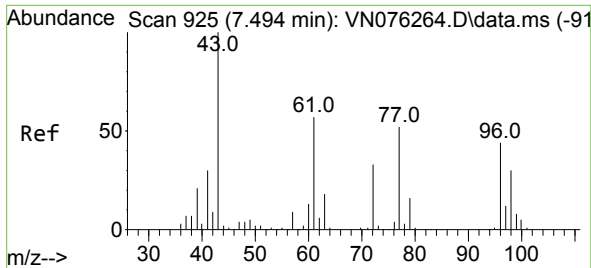
Tgt Ion: 77 Resp: 100204

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4

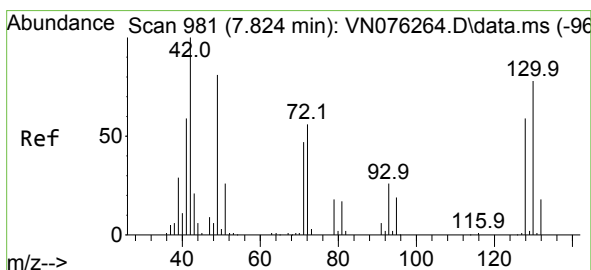
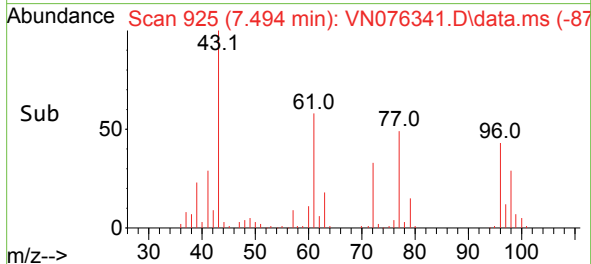
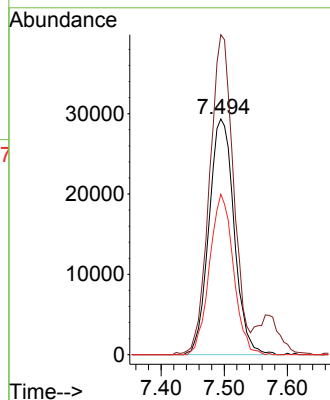
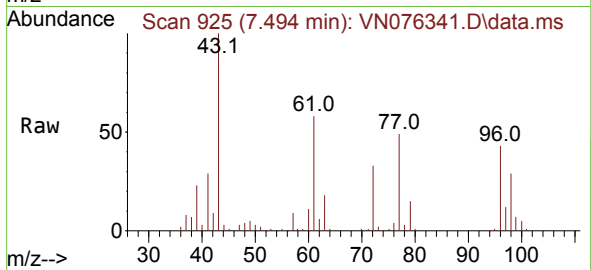




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.638 ug/l  
 RT: 7.494 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN076341.D  
 Acq: 20 Jan 2023 12:25

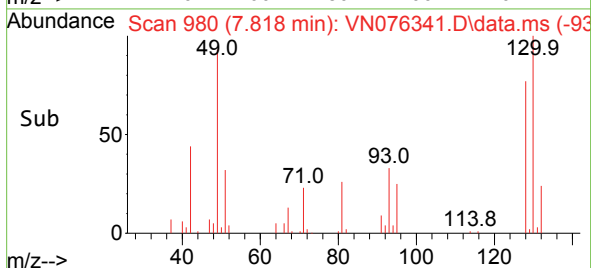
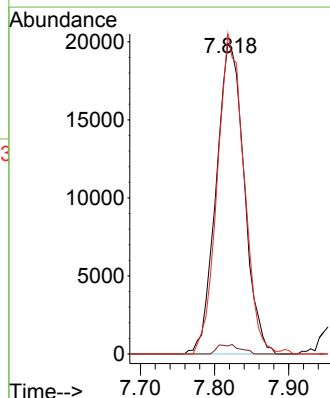
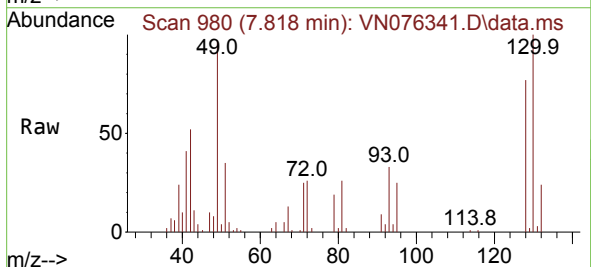
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120WBSD01

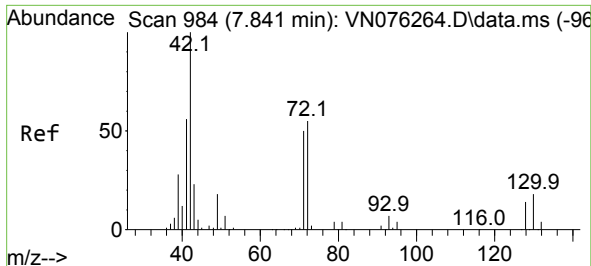
Tgt Ion: 96 Resp: 81172  
 Ion Ratio Lower Upper  
 96 100  
 61 129.3 0.0 259.6  
 98 64.7 0.0 129.4



#28  
 Bromochloromethane  
 Concen: 20.416 ug/l  
 RT: 7.818 min Scan# 980  
 Delta R.T. -0.006 min  
 Lab File: VN076341.D  
 Acq: 20 Jan 2023 12:25

Tgt Ion: 49 Resp: 52249  
 Ion Ratio Lower Upper  
 49 100  
 129 2.4 0.0 5.2  
 130 97.9 76.0 114.0

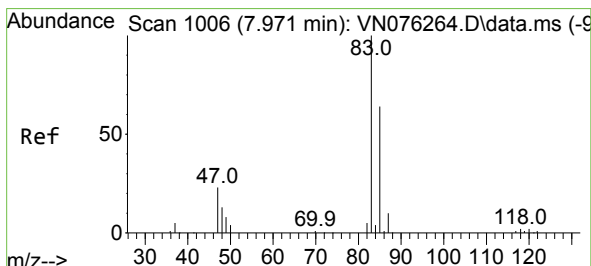
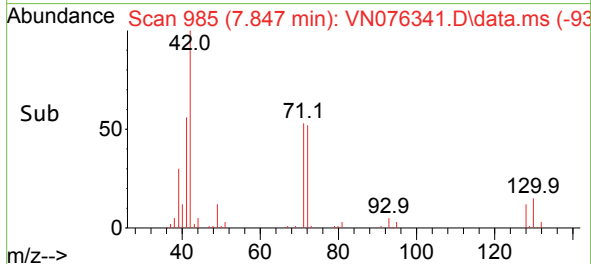
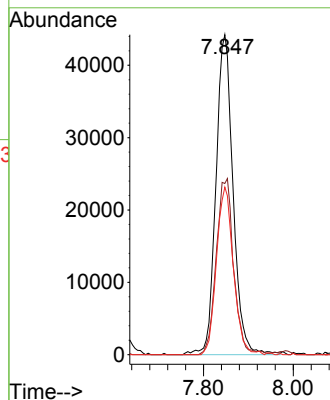
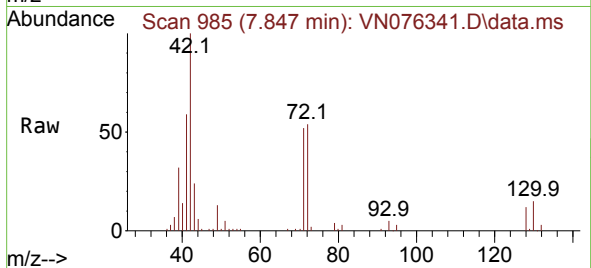




#29  
Tetrahydrofuran  
Concen: 96.551 ug/l  
RT: 7.847 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

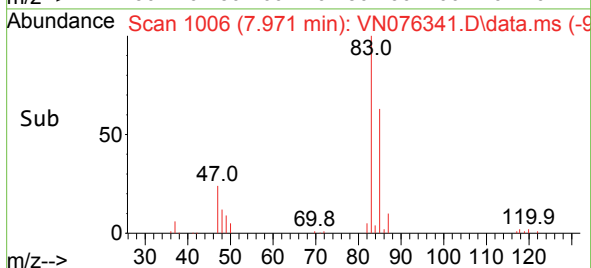
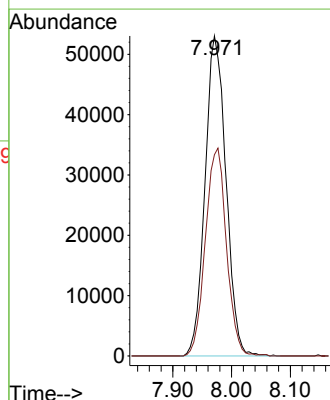
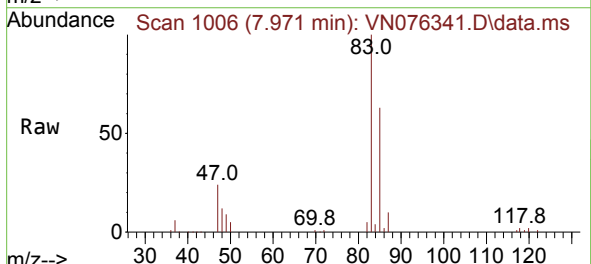
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

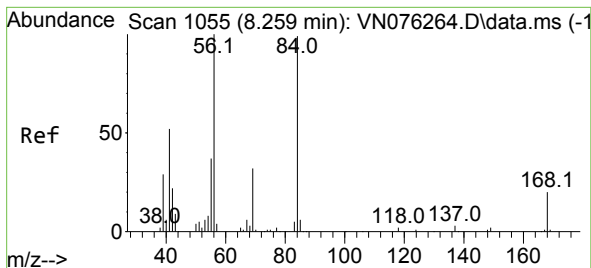
Tgt Ion: 42 Resp: 117556  
Ion Ratio Lower Upper  
42 100  
72 55.9 44.0 66.0  
71 51.7 41.1 61.7



#30  
Chloroform  
Concen: 18.767 ug/l  
RT: 7.971 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 83 Resp: 131113  
Ion Ratio Lower Upper  
83 100  
85 62.9 51.0 76.6





#31

Cyclohexane

Concen: 17.352 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0120WBSD01

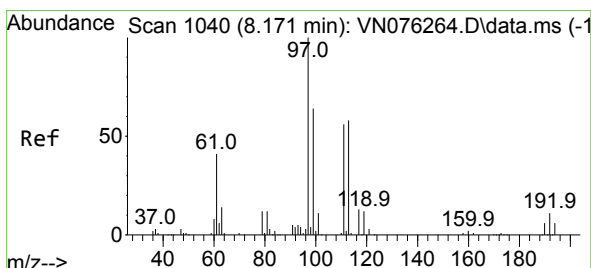
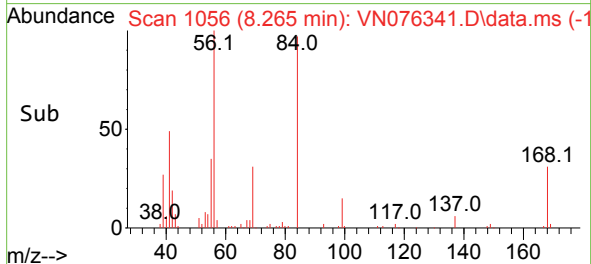
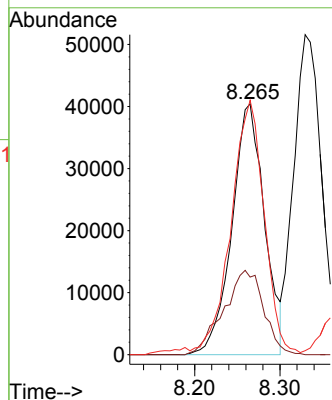
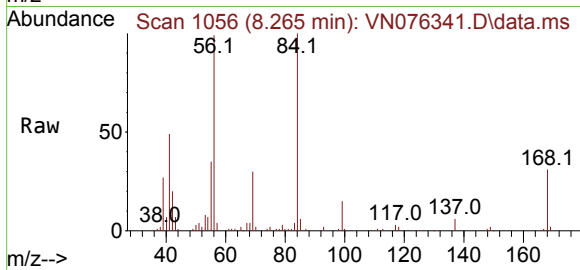
Tgt Ion: 56 Resp: 107403

Ion Ratio Lower Upper

56 100

69 30.9 25.8 38.8

84 99.5 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 18.519 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

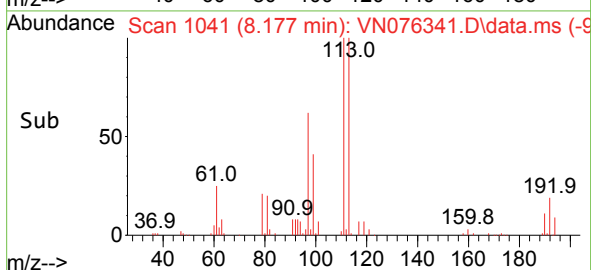
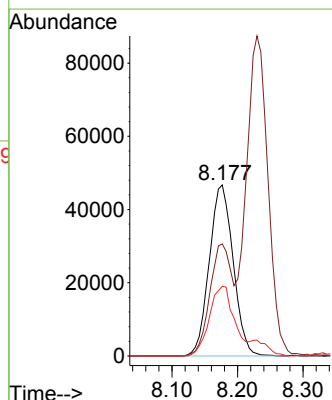
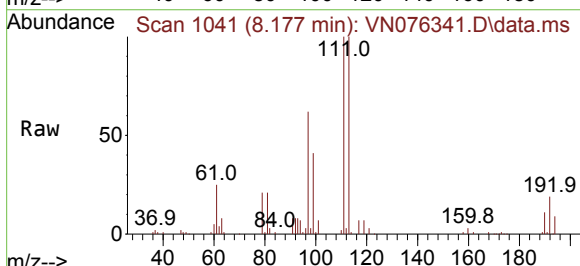
Tgt Ion: 97 Resp: 118127

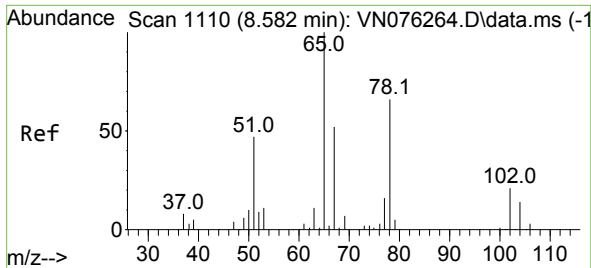
Ion Ratio Lower Upper

97 100

99 59.8 55.0 82.4

61 43.2 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.310 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

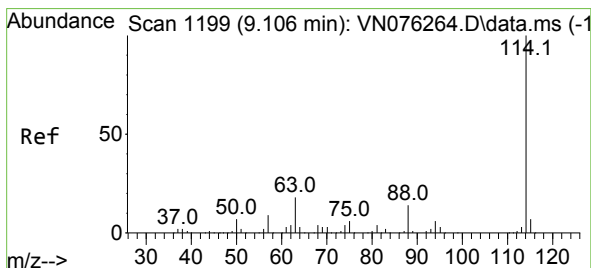
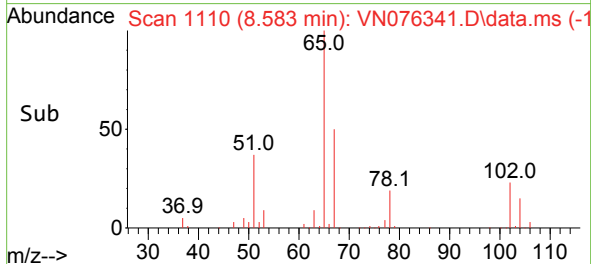
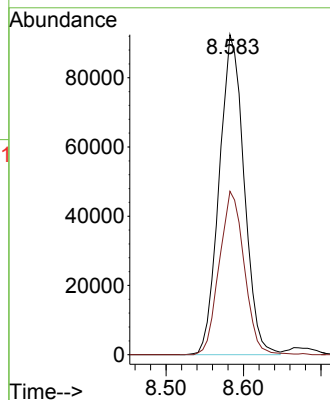
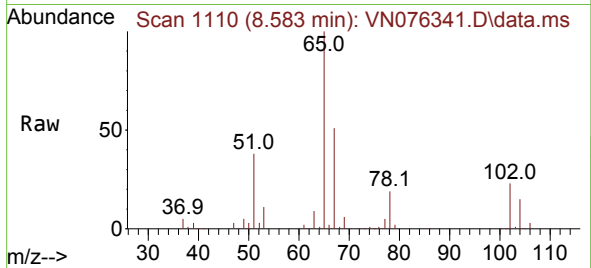
VN0120WBSD01

Tgt Ion: 65 Resp: 206739

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

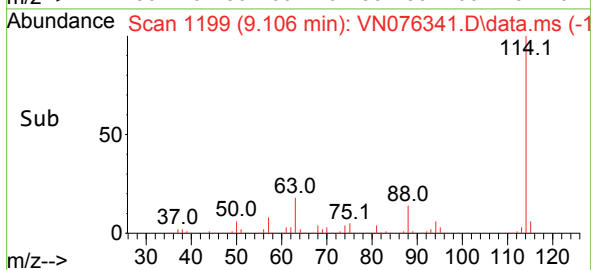
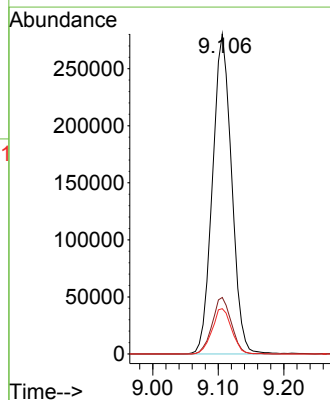
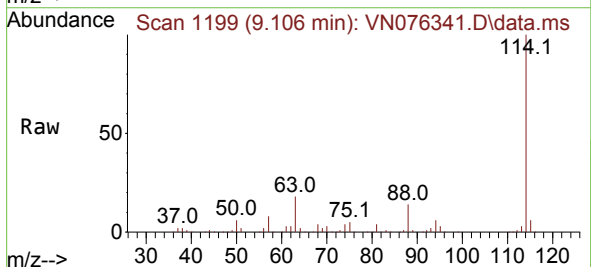
Tgt Ion: 114 Resp: 567895

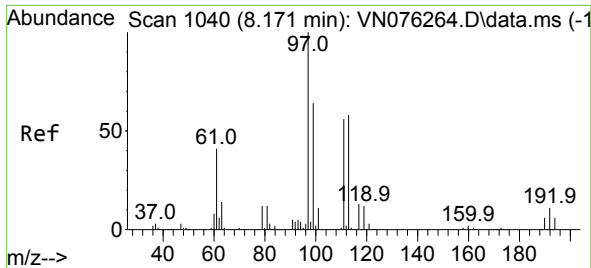
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.8

88 14.1 0.0 28.0

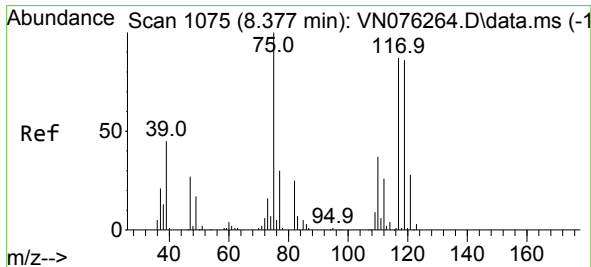
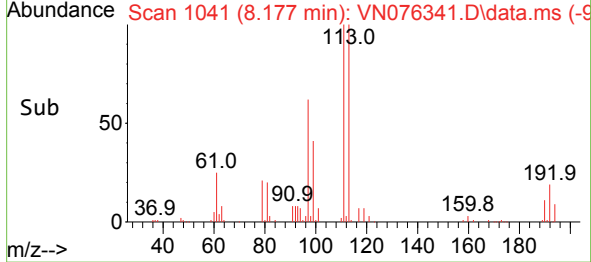
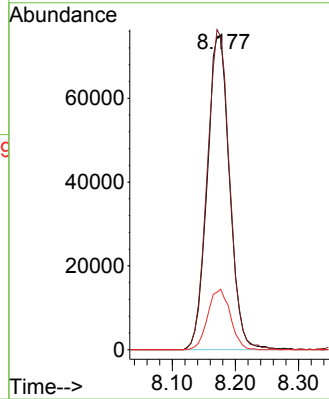
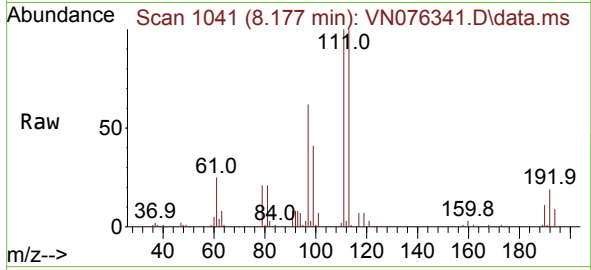




#35  
Dibromofluoromethane  
Concen: 51.949 ug/l  
RT: 8.177 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

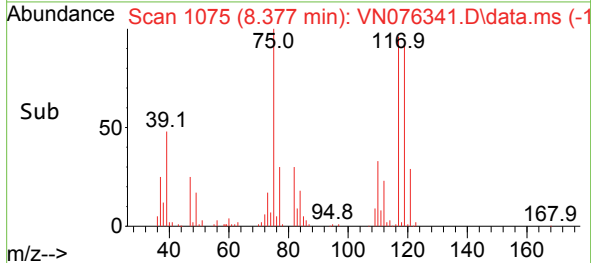
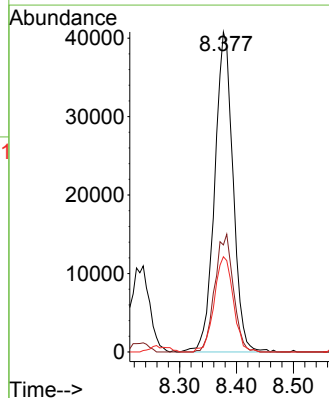
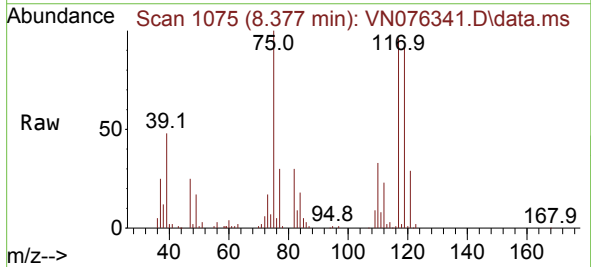
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

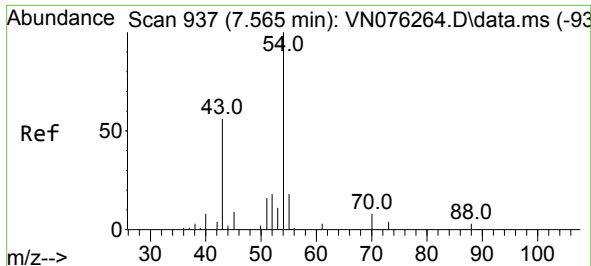
Tgt Ion:113 Resp: 184544  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.7 124.1  
192 19.3 15.6 23.4



#36  
1,1-Dichloropropene  
Concen: 18.136 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 75 Resp: 91550  
Ion Ratio Lower Upper  
75 100  
110 37.3 18.8 56.3  
77 31.0 25.0 37.4

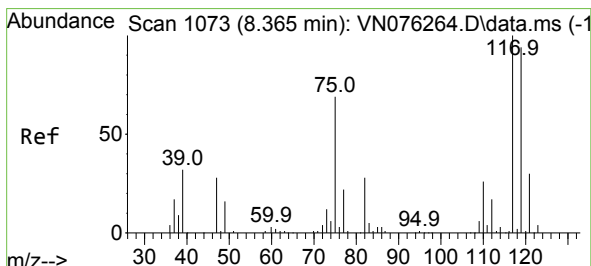
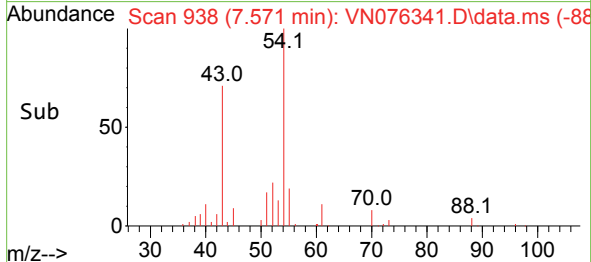
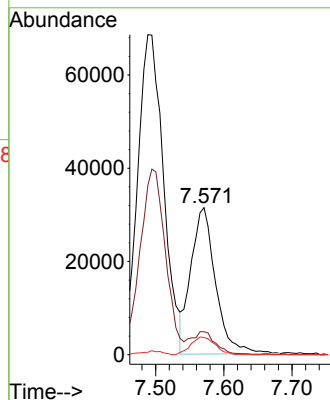
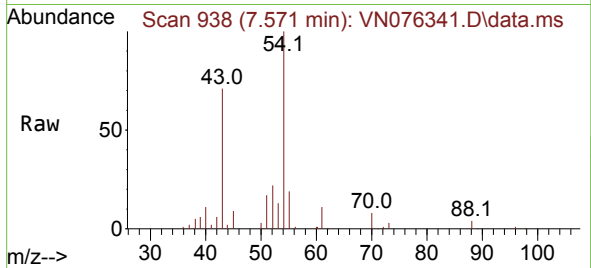




#37  
Ethyl Acetate  
Concen: 19.561 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

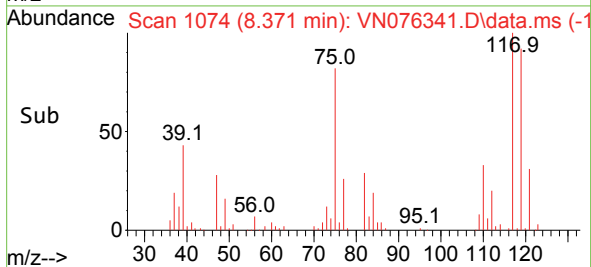
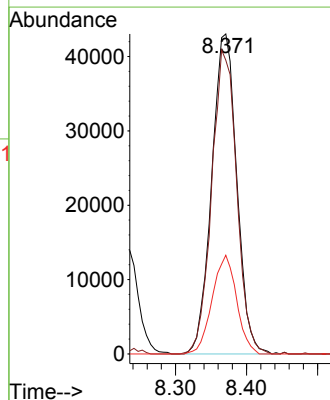
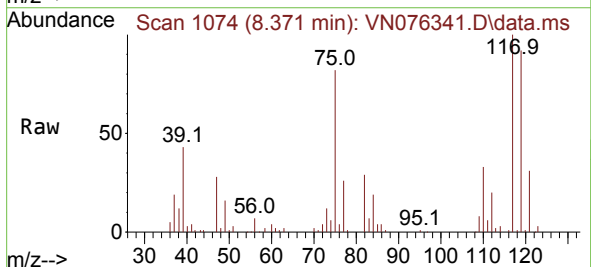
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

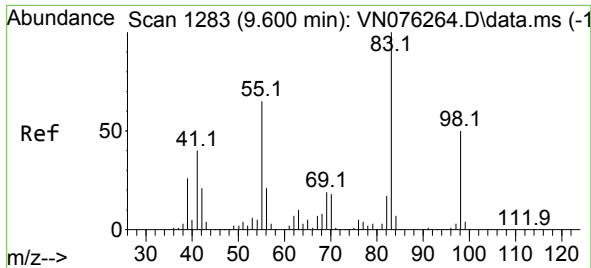
Tgt Ion: 43 Resp: 79109  
Ion Ratio Lower Upper  
43 100  
61 14.2 11.1 16.7  
70 11.8 10.0 15.0



#38  
Carbon Tetrachloride  
Concen: 18.736 ug/l  
RT: 8.371 min Scan# 1074  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 117 Resp: 105471  
Ion Ratio Lower Upper  
117 100  
119 91.8 75.4 113.0  
121 30.8 24.2 36.2

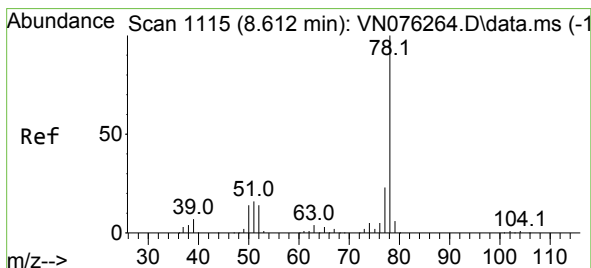
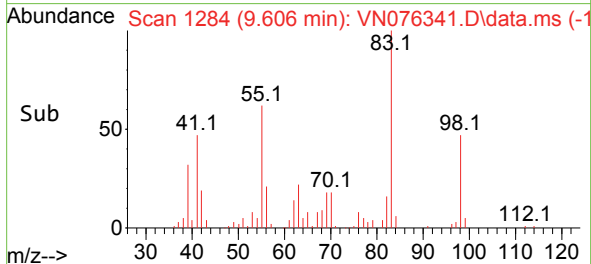
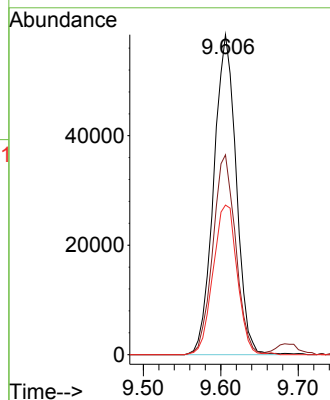
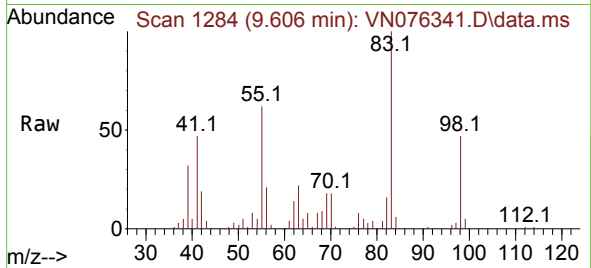




#39  
Methylcyclohexane  
Concen: 19.109 ug/l  
RT: 9.606 min Scan# 11284  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

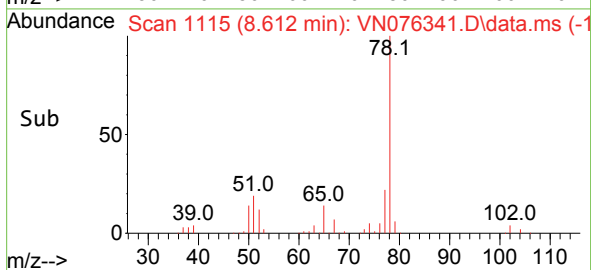
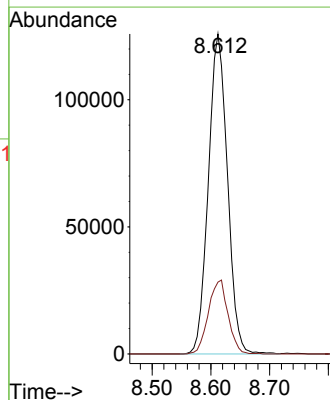
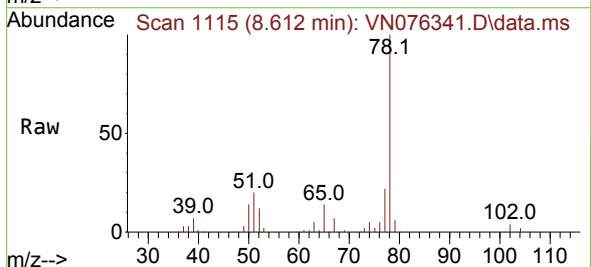
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

Tgt Ion: 83 Resp: 117793  
Ion Ratio Lower Upper  
83 100  
55 62.4 51.7 77.5  
98 46.8 40.0 60.0

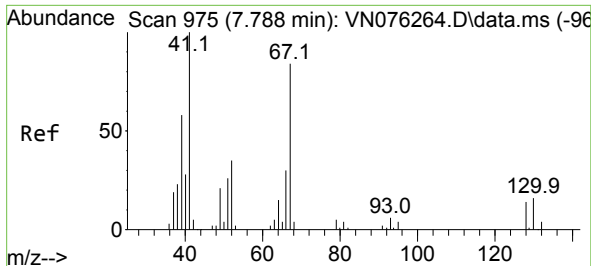


#40  
Benzene  
Concen: 18.802 ug/l  
RT: 8.612 min Scan# 1115  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 78 Resp: 283795  
Ion Ratio Lower Upper  
78 100  
77 22.5 18.6 28.0



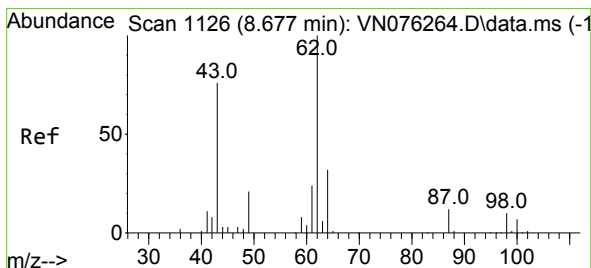
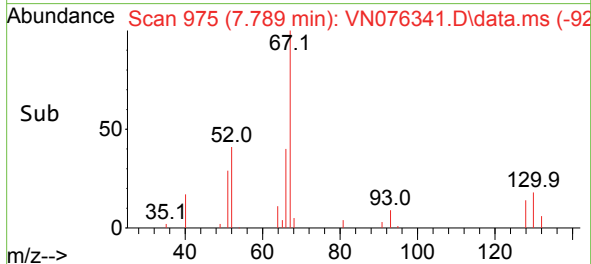
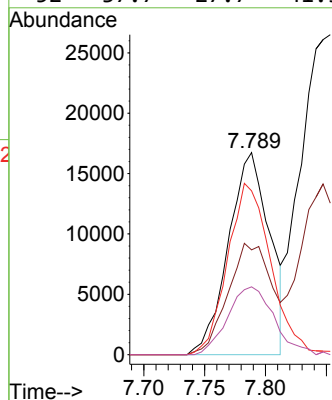
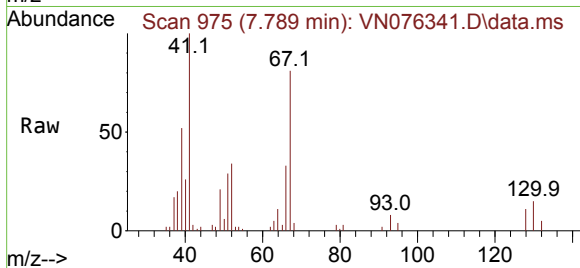




#41  
Methacrylonitrile  
Concen: 18.564 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

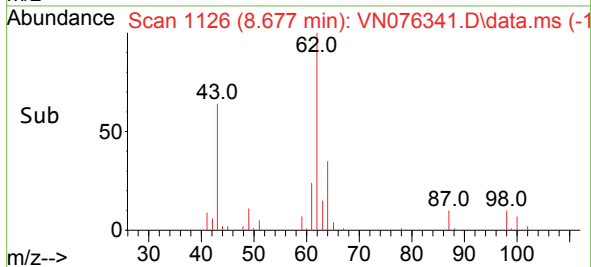
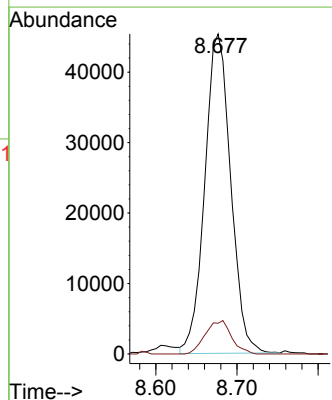
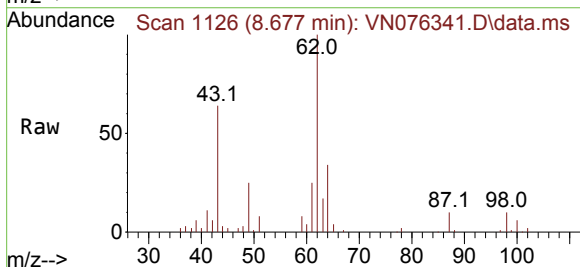
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

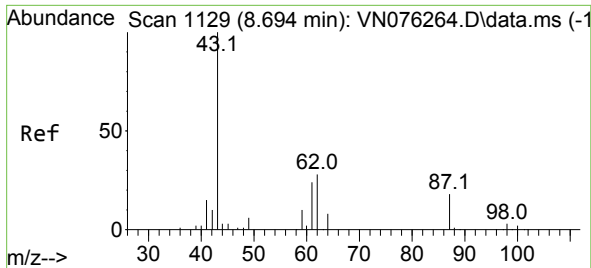
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 39355 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.2  | 42.4  | 63.6  |
| 67       | 89.6  | 68.8  | 103.2 |
| 52       | 37.7  | 27.7  | 41.5  |



#42  
1,2-Dichloroethane  
Concen: 19.463 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 100512 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.5  | 0.0   | 20.4   |

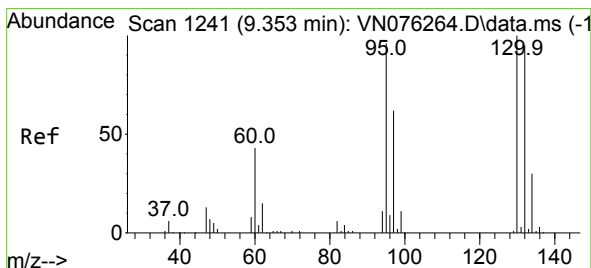
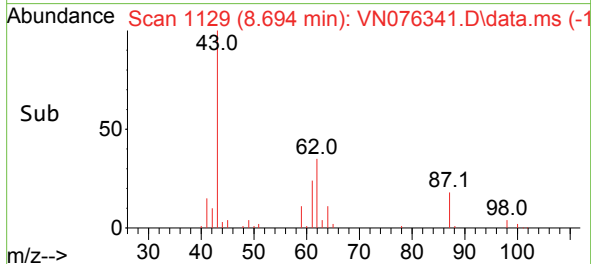
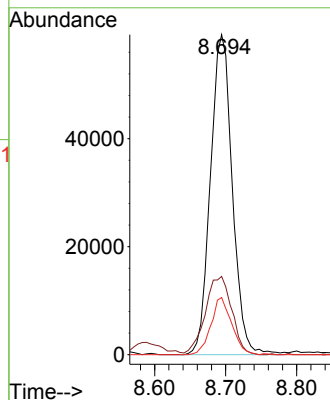
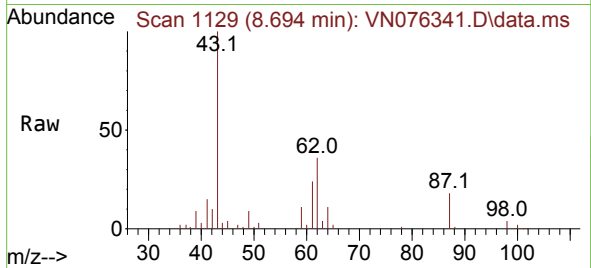




#43  
Isopropyl Acetate  
Concen: 19.239 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

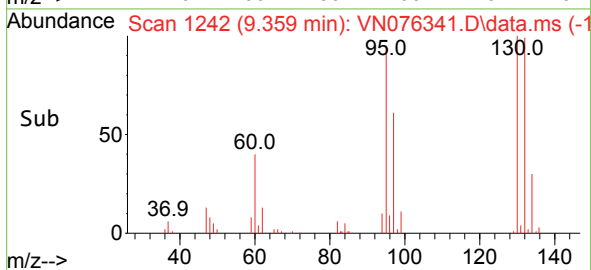
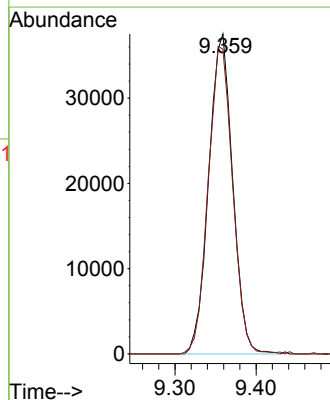
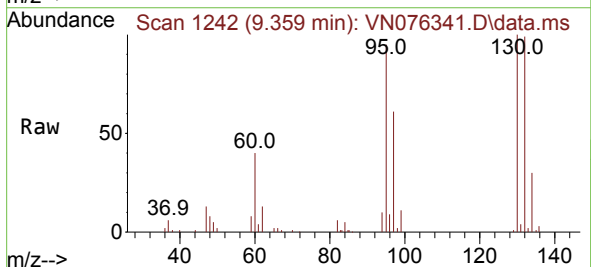
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

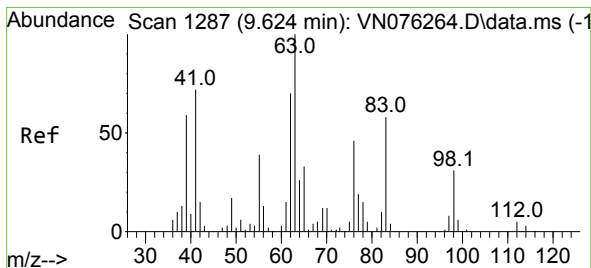
Tgt Ion: 43 Resp: 126721  
Ion Ratio Lower Upper  
43 100  
61 29.5 23.5 35.3  
87 16.9 13.8 20.6



#44  
Trichloroethene  
Concen: 17.967 ug/l  
RT: 9.359 min Scan# 1242  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion:130 Resp: 76703  
Ion Ratio Lower Upper  
130 100  
95 95.2 0.0 192.0





#45

1,2-Dichloropropane

Concen: 19.221 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

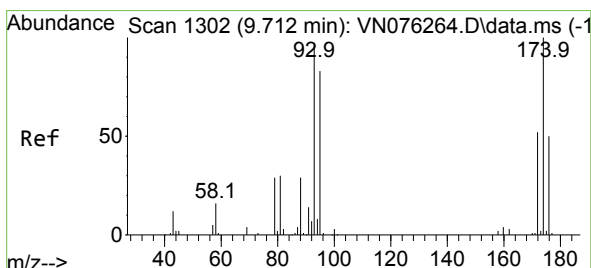
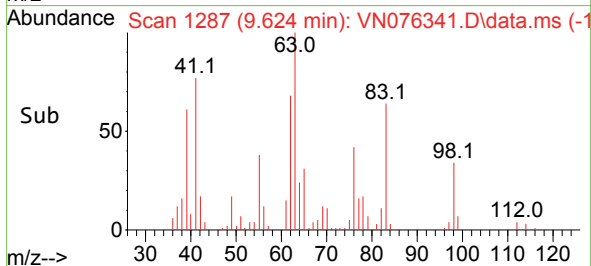
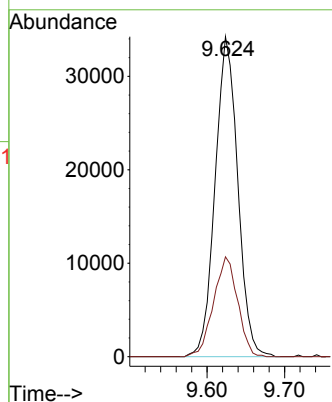
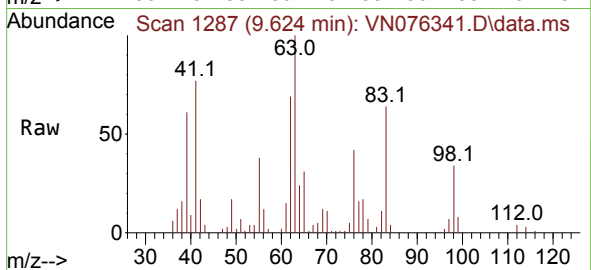
VN0120WBSD01

Tgt Ion: 63 Resp: 69462

Ion Ratio Lower Upper

63 100

65 31.2 26.4 39.6



#46

Dibromomethane

Concen: 18.877 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

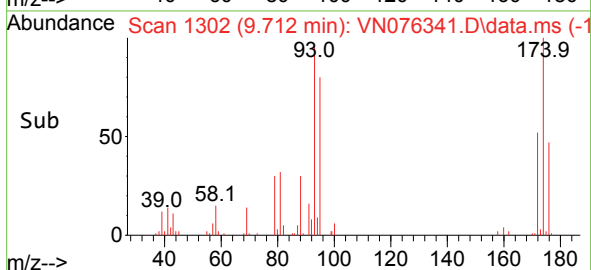
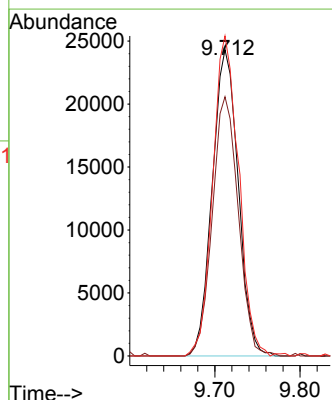
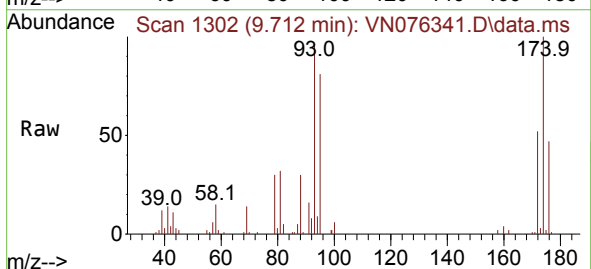
Tgt Ion: 93 Resp: 51505

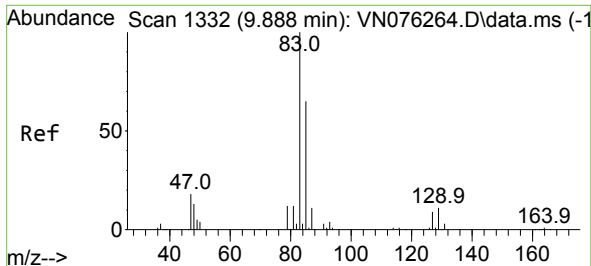
Ion Ratio Lower Upper

93 100

95 84.5 66.0 99.0

174 104.2 81.3 121.9

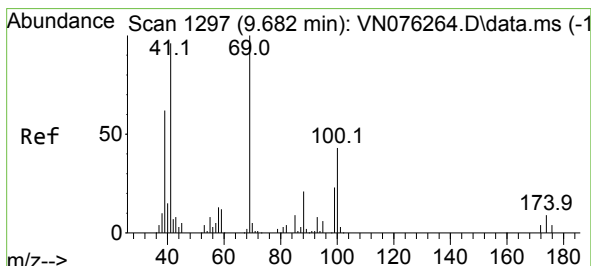
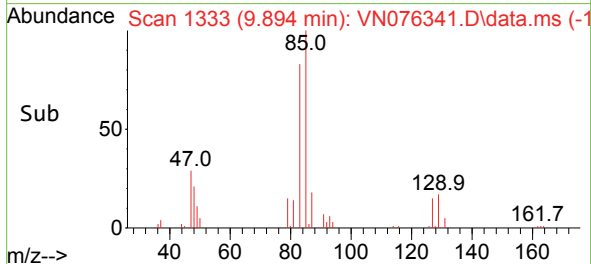
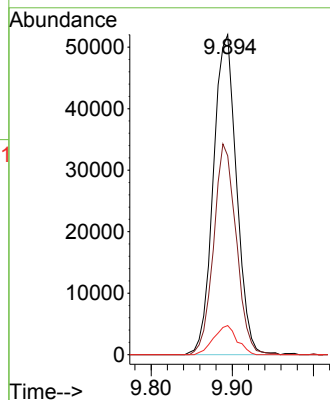
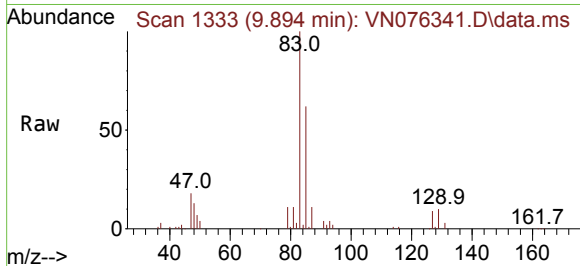




#47  
Bromodichloromethane  
Concen: 19.505 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

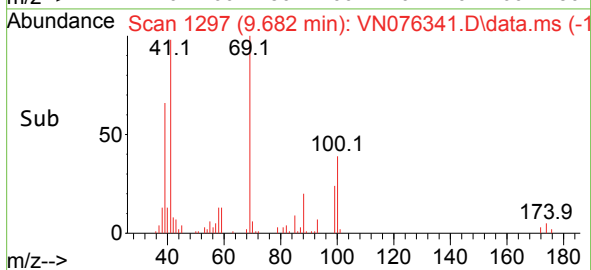
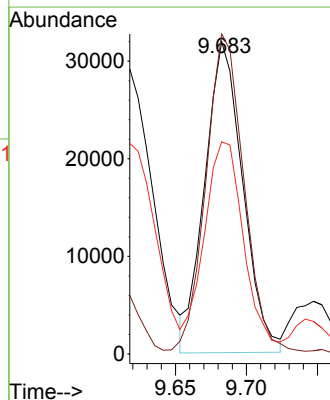
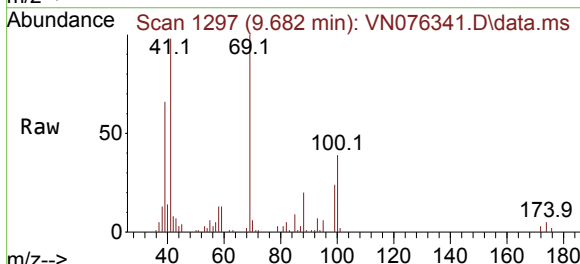
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

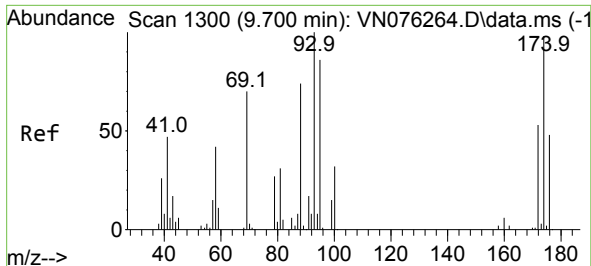
Tgt Ion: 83 Resp: 103221  
Ion Ratio Lower Upper  
83 100  
85 62.2 52.1 78.1  
127 9.1 7.4 11.0



#48  
Methyl methacrylate  
Concen: 18.999 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 41 Resp: 59243  
Ion Ratio Lower Upper  
41 100  
69 101.8 80.8 121.2  
39 72.3 54.4 81.6





#49

1,4-Dioxane

Concen: 412.692 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0120WBSD01

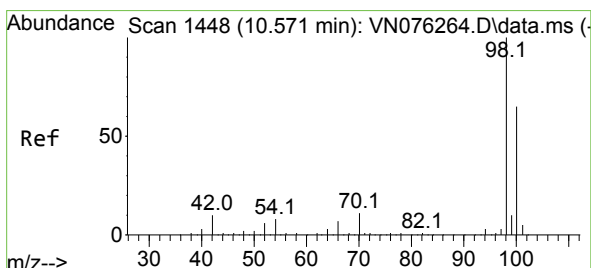
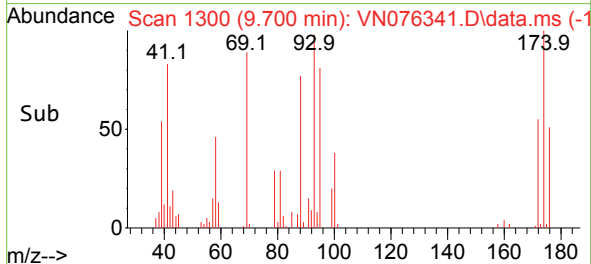
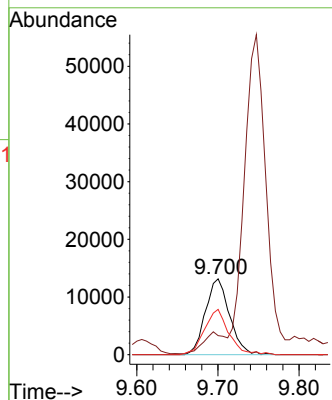
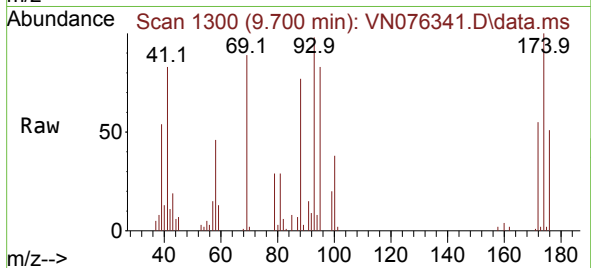
Tgt Ion: 88 Resp: 27154

Ion Ratio Lower Upper

88 100

43 25.7 18.1 27.1

58 60.6 46.5 69.7



#50

Toluene-d8

Concen: 51.425 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076341.D

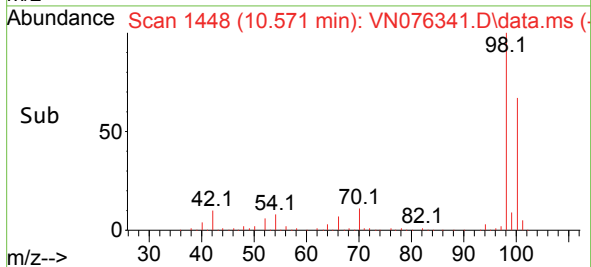
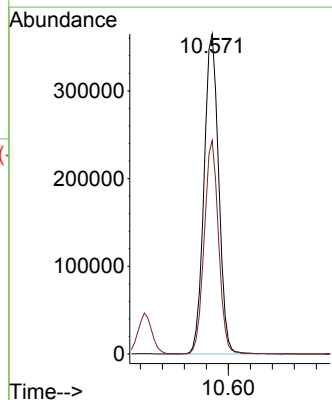
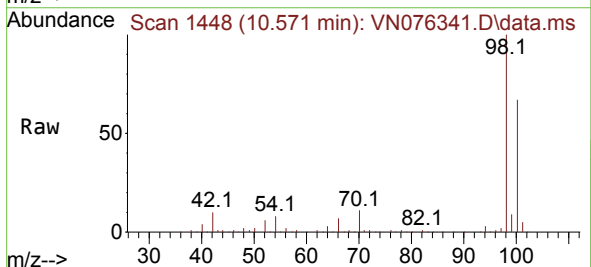
Acq: 20 Jan 2023 12:25

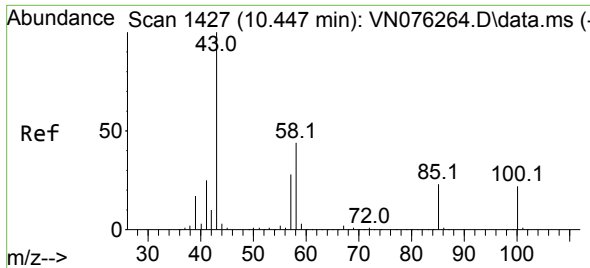
Tgt Ion: 98 Resp: 674666

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4

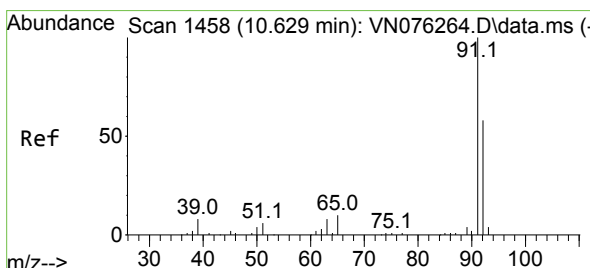
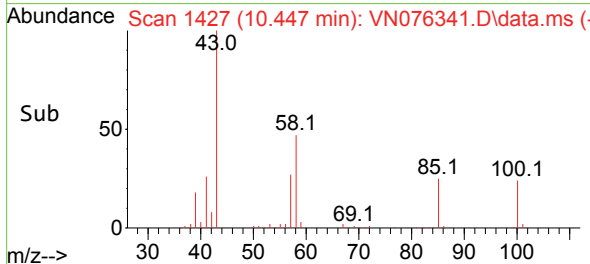
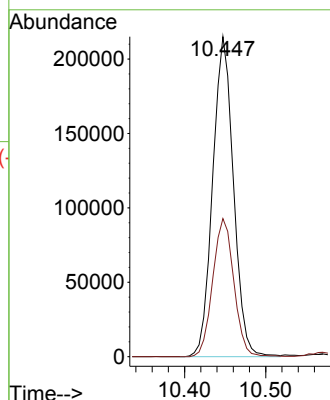
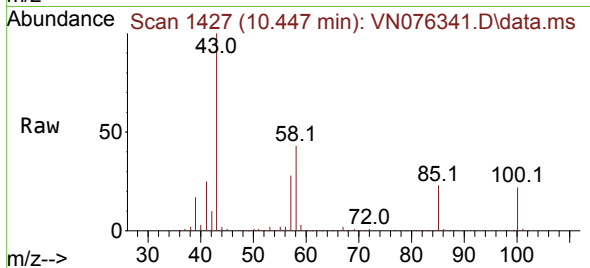




#51  
4-Methyl-2-Pentanone  
Concen: 98.932 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

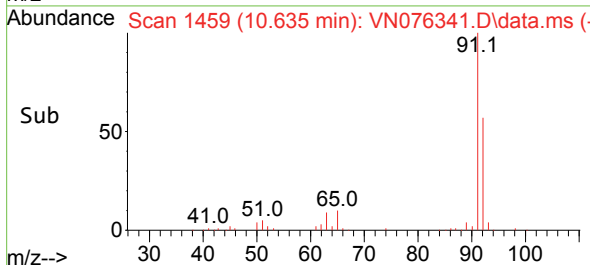
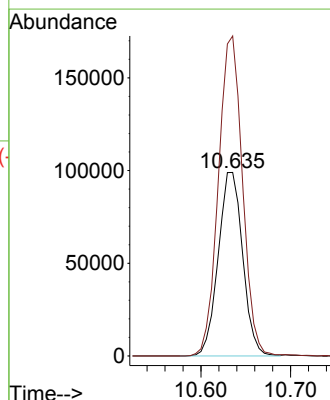
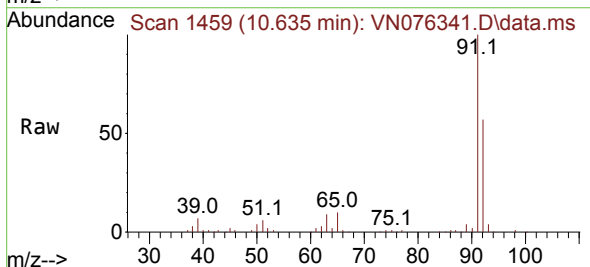
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

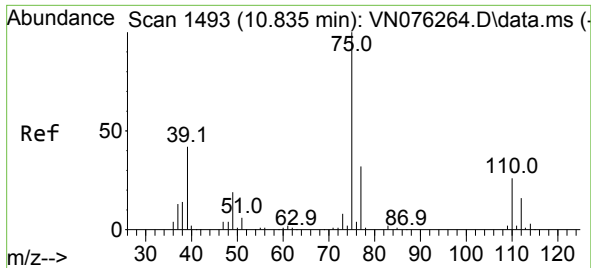
Tgt Ion: 43 Resp: 382537  
Ion Ratio Lower Upper  
43 100  
58 43.8 35.1 52.7



#52  
Toluene  
Concen: 18.541 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 92 Resp: 187153  
Ion Ratio Lower Upper  
92 100  
91 172.3 136.6 205.0

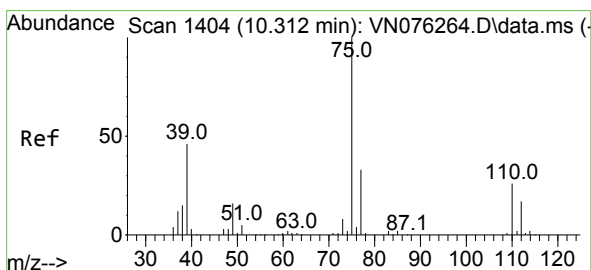
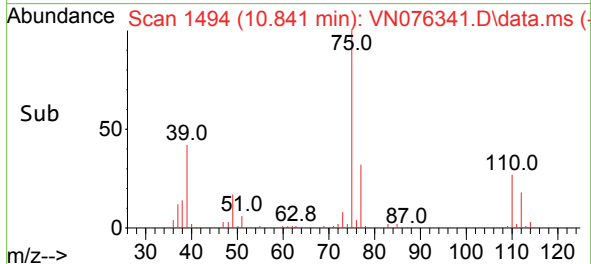
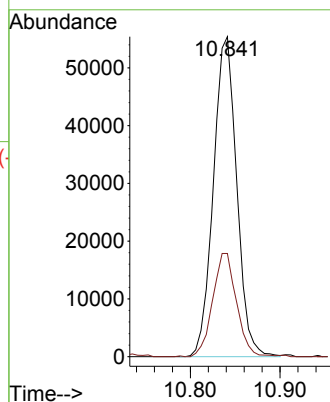
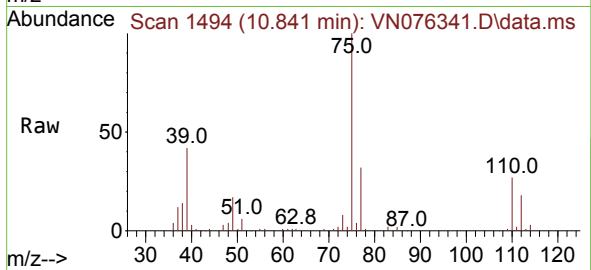




#53  
 t-1,3-Dichloropropene  
 Concen: 19.826 ug/l  
 RT: 10.841 min Scan# 1494  
 Delta R.T. 0.006 min  
 Lab File: VN076341.D  
 Acq: 20 Jan 2023 12:25

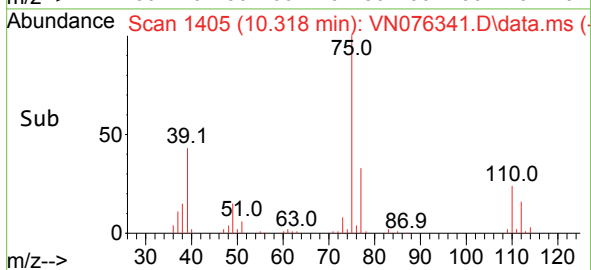
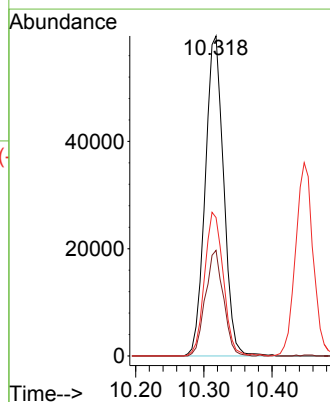
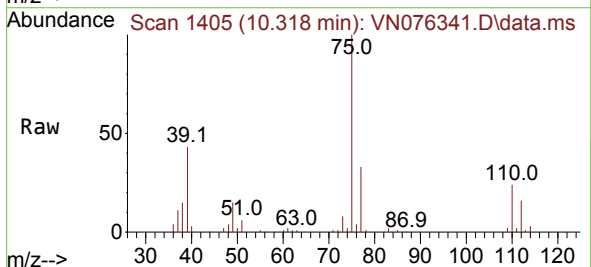
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120WBSD01

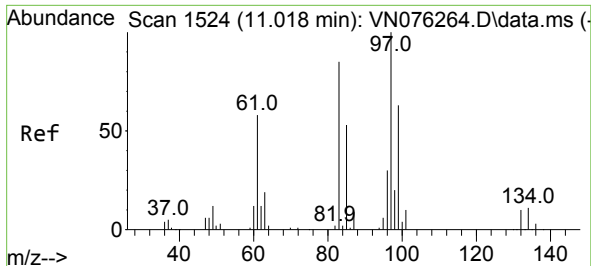
Tgt Ion: 75 Resp: 100015  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.8 38.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.368 ug/l  
 RT: 10.318 min Scan# 1405  
 Delta R.T. 0.006 min  
 Lab File: VN076341.D  
 Acq: 20 Jan 2023 12:25

Tgt Ion: 75 Resp: 112409  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 26.5 39.7  
 39 43.3 37.1 55.7

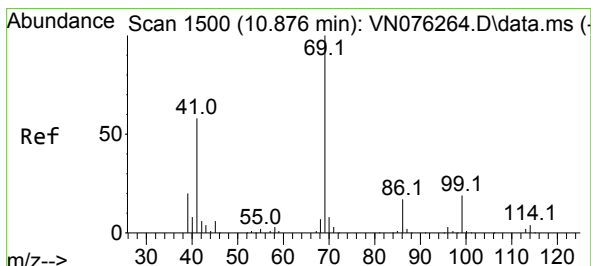
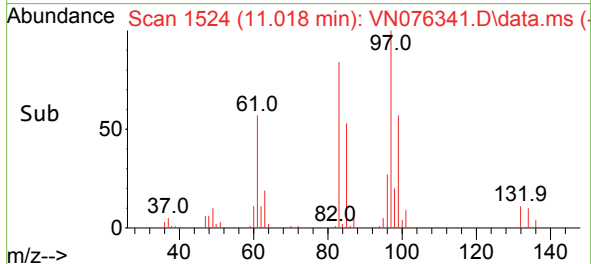
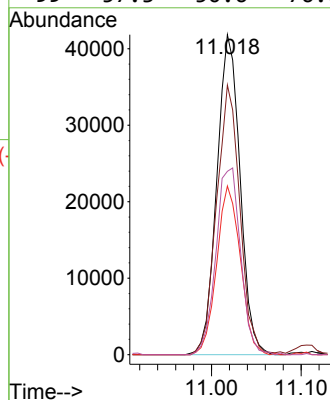
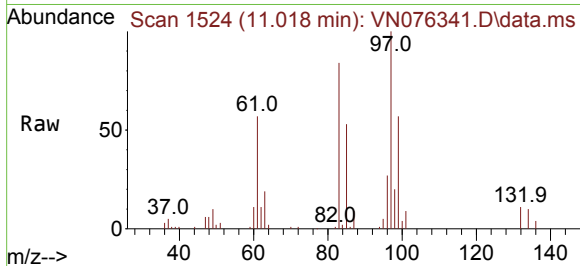




#55  
1,1,2-Trichloroethane  
Concen: 19.451 ug/l  
RT: 11.018 min Scan# 1524  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

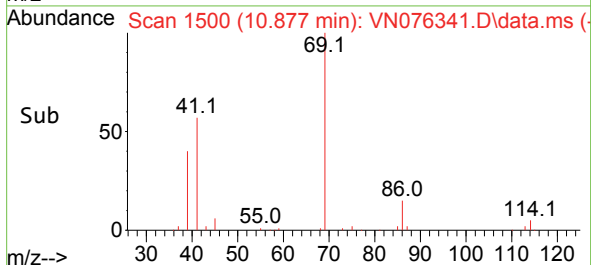
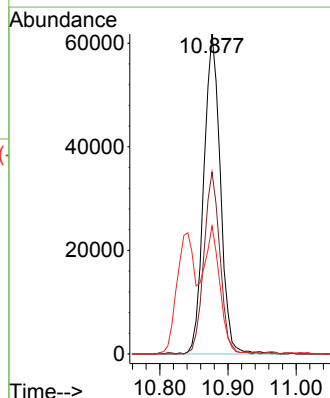
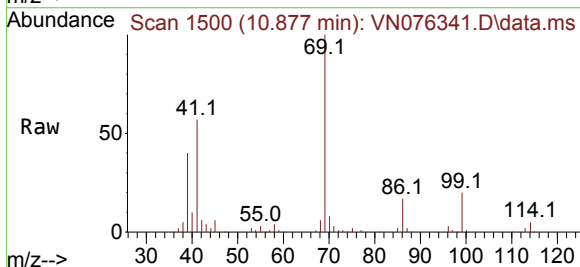
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 75047 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 84.3     | 67.8 101.6  |
| 85 52.7     | 42.3 63.5   |
| 99 57.3     | 50.6 76.0   |

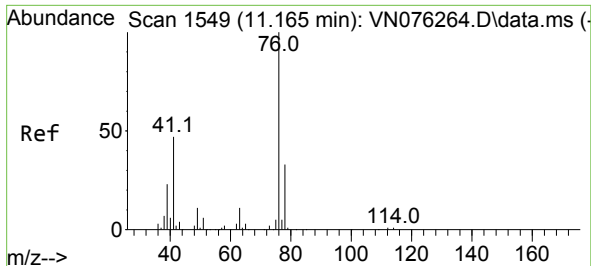


#56  
Ethyl methacrylate  
Concen: 20.929 ug/l  
RT: 10.877 min Scan# 1500  
Delta R.T. 0.001 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 104247 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 55.3     | 45.3 67.9    |
| 39 36.2     | 29.3 43.9    |







#57

1,3-Dichloropropane

Concen: 19.253 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

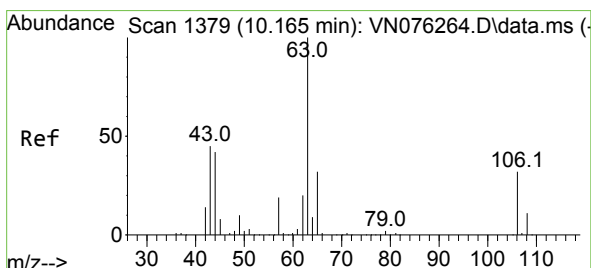
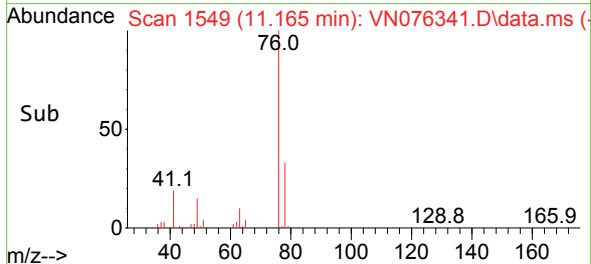
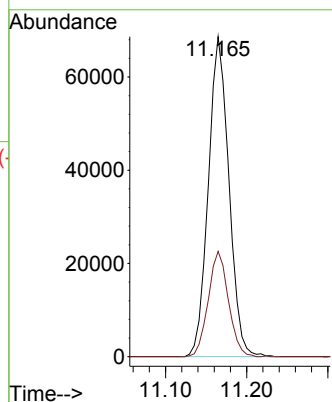
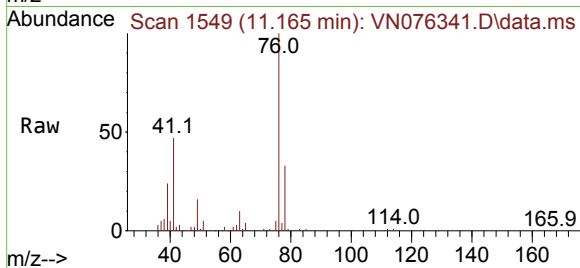
VN0120WBSD01

Tgt Ion: 76 Resp: 120714

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 89.332 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN076341.D

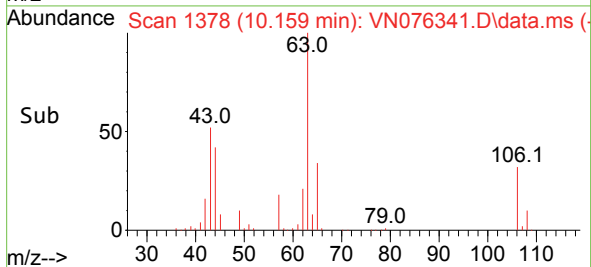
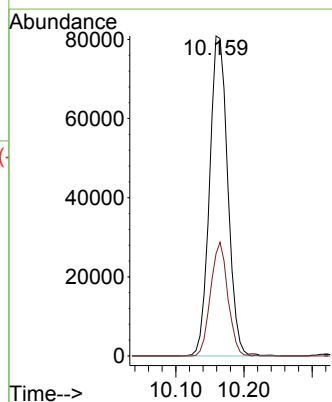
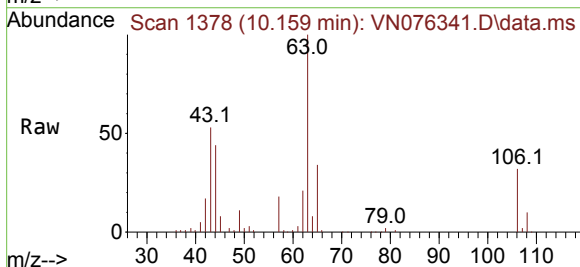
Acq: 20 Jan 2023 12:25

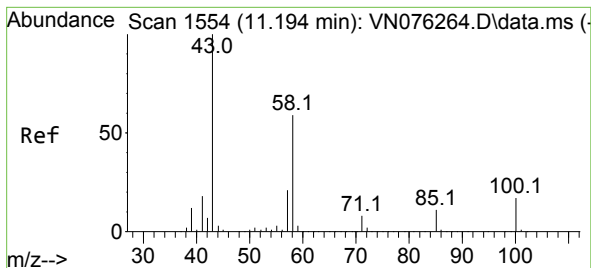
Tgt Ion: 63 Resp: 150219

Ion Ratio Lower Upper

63 100

106 33.6 26.2 39.2





#59

2-Hexanone

Concen: 98.106 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

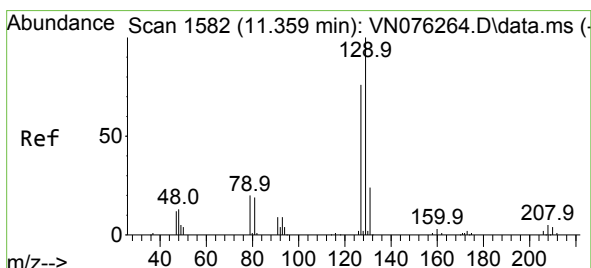
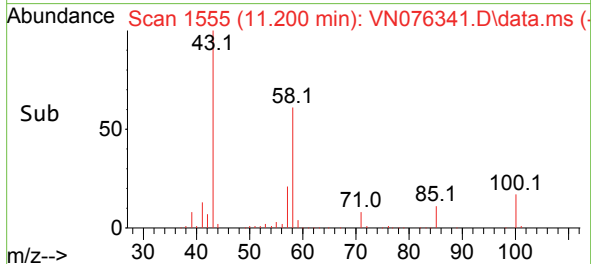
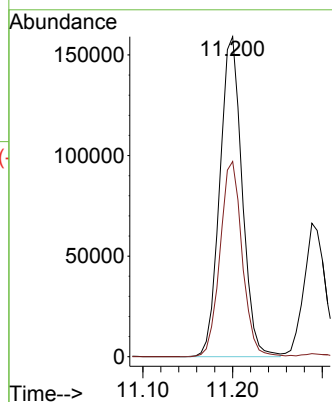
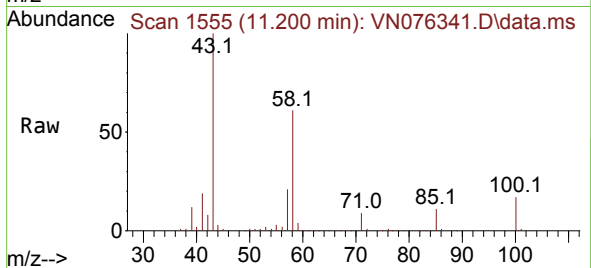
VN0120WBSD01

Tgt Ion: 43 Resp: 274893

Ion Ratio Lower Upper

43 100

58 60.4 30.1 90.3



#60

Dibromochloromethane

Concen: 20.244 ug/l

RT: 11.365 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VN076341.D

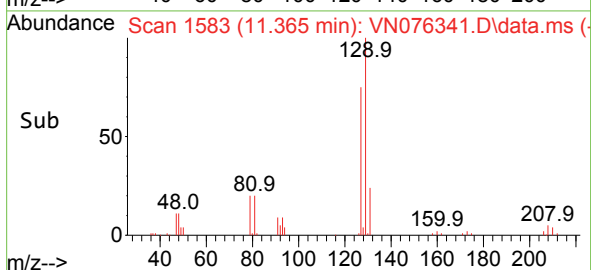
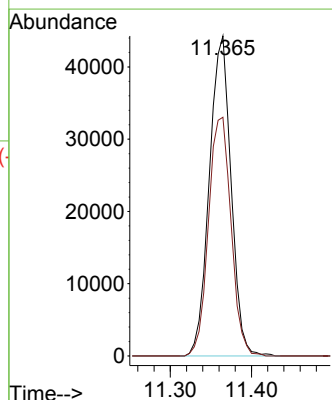
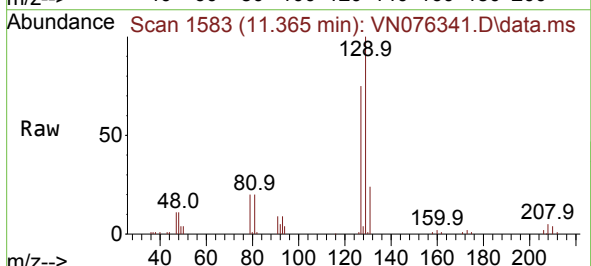
Acq: 20 Jan 2023 12:25

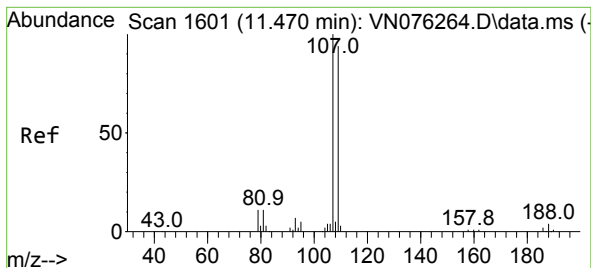
Tgt Ion:129 Resp: 82222

Ion Ratio Lower Upper

129 100

127 77.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.374 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

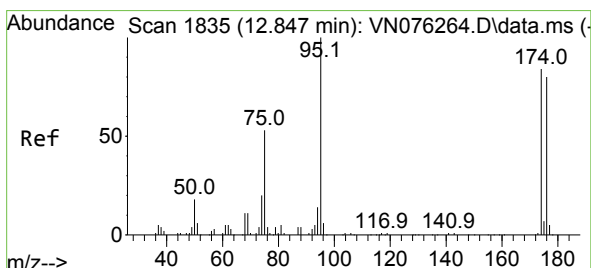
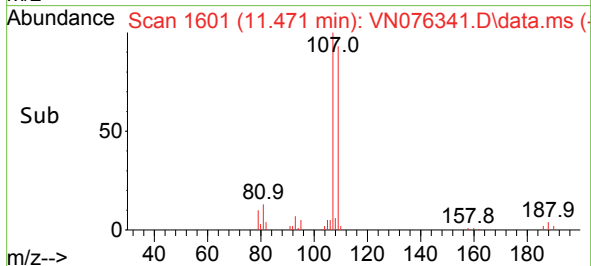
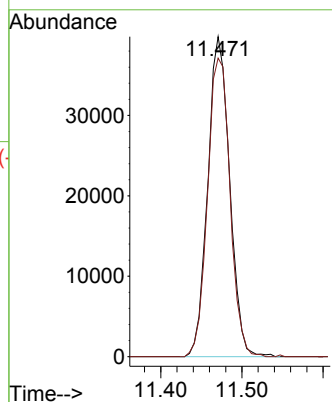
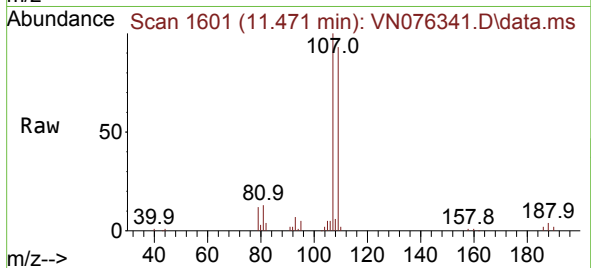
VN0120WBSD01

Tgt Ion:107 Resp: 74612

Ion Ratio Lower Upper

107 100

109 95.7 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 53.407 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

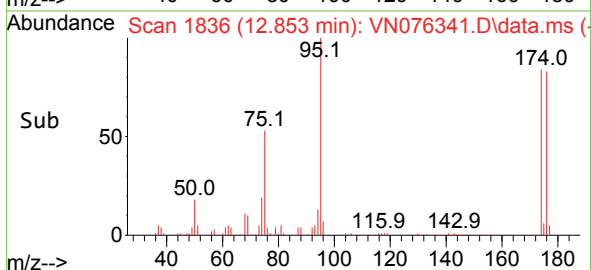
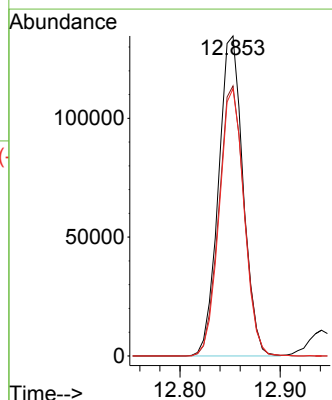
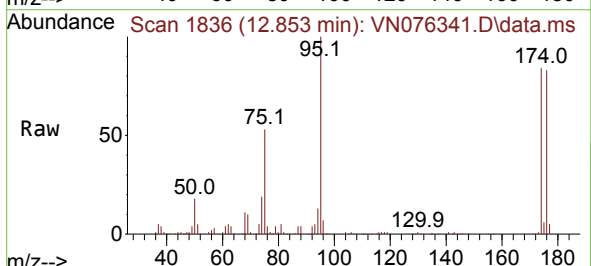
Tgt Ion: 95 Resp: 228736

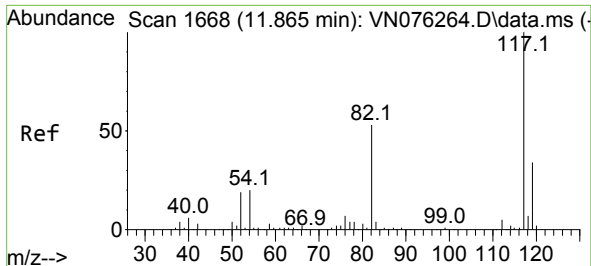
Ion Ratio Lower Upper

95 100

174 86.7 0.0 174.6

176 84.2 0.0 167.8

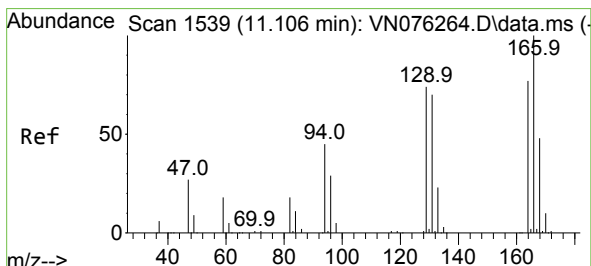
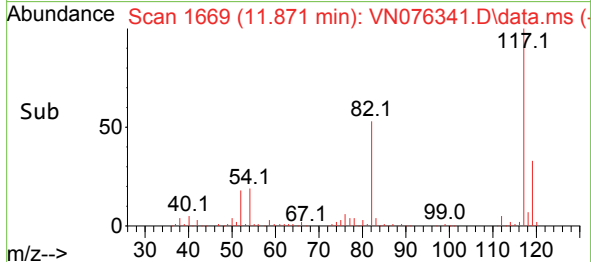
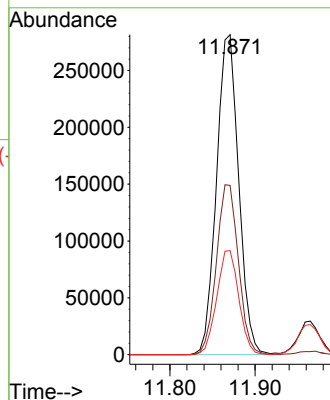
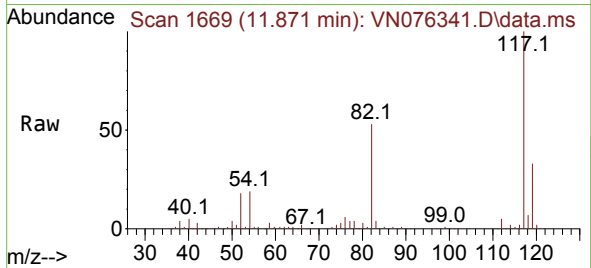




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

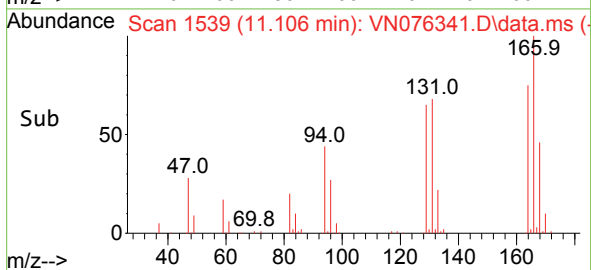
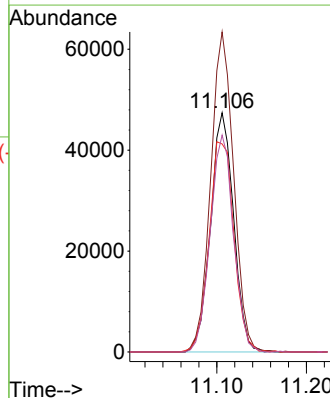
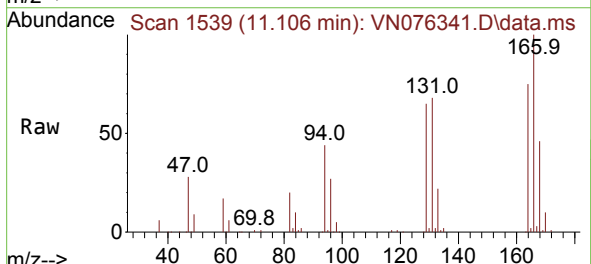
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

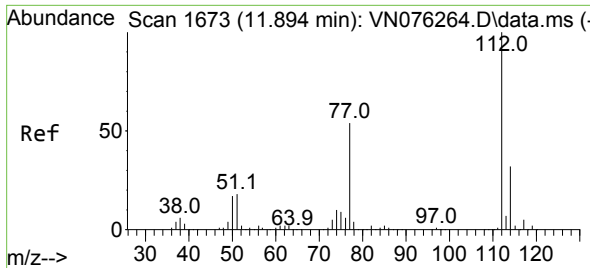
Tgt Ion:117 Resp: 510094  
Ion Ratio Lower Upper  
117 100  
82 52.9 42.2 63.2  
119 32.5 26.9 40.3



#64  
Tetrachloroethene  
Concen: 18.380 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion:164 Resp: 84550  
Ion Ratio Lower Upper  
164 100  
166 133.7 104.0 156.0  
129 87.0 76.6 114.8  
131 90.6 72.6 109.0

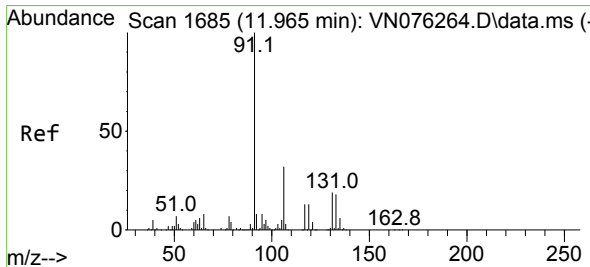
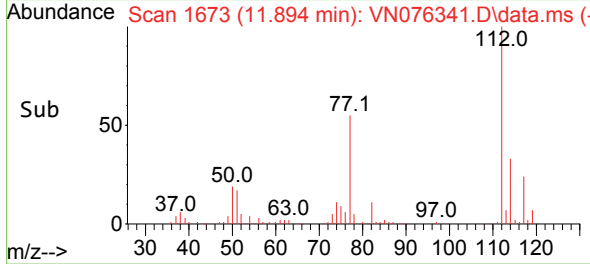
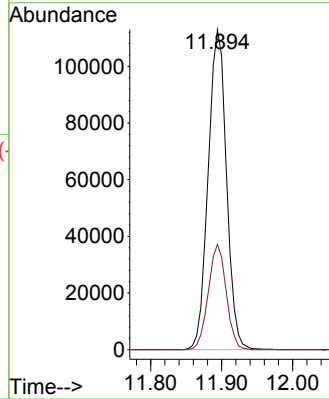
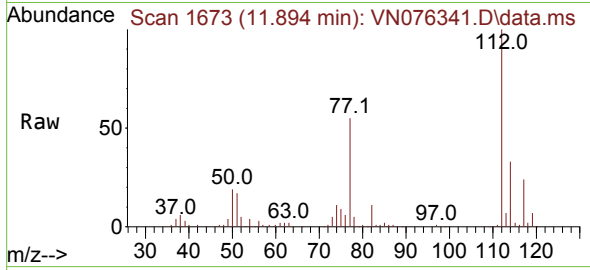




#65  
Chlorobenzene  
Concen: 18.772 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

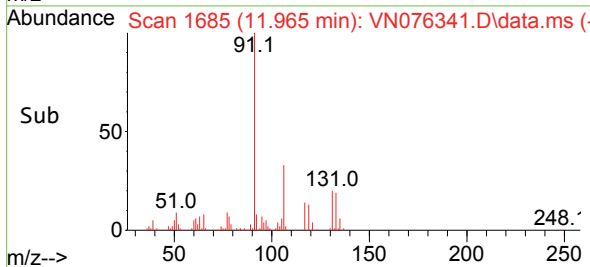
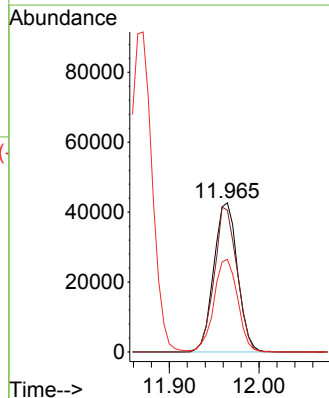
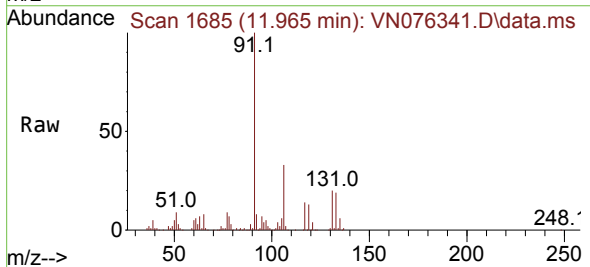
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

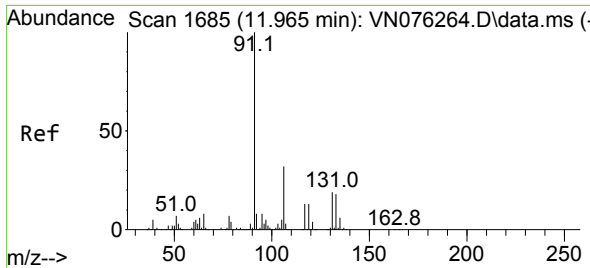
Tgt Ion:112 Resp: 202417  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.537 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion:131 Resp: 78380  
Ion Ratio Lower Upper  
131 100  
133 93.5 47.4 142.2  
119 62.4 32.3 96.8





#67

Ethyl Benzene

Concen: 19.060 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

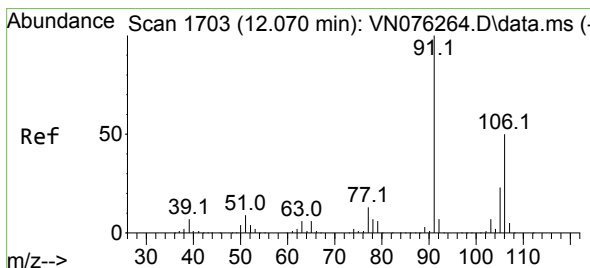
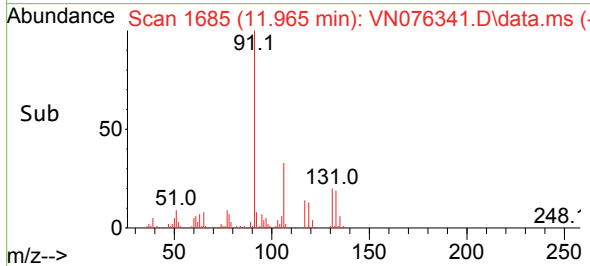
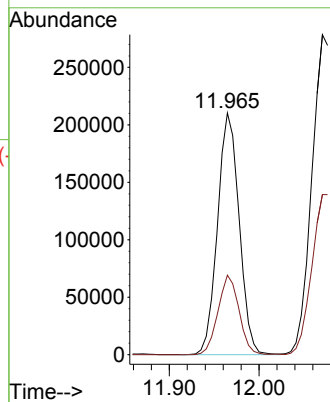
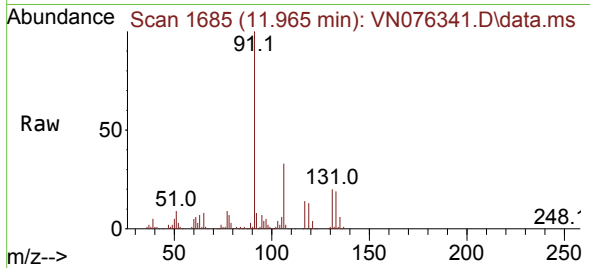
VN0120WBSD01

Tgt Ion: 91 Resp: 351745

Ion Ratio Lower Upper

91 100

106 32.9 25.5 38.3



#68

m/p-Xylenes

Concen: 38.228 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. 0.001 min

Lab File: VN076341.D

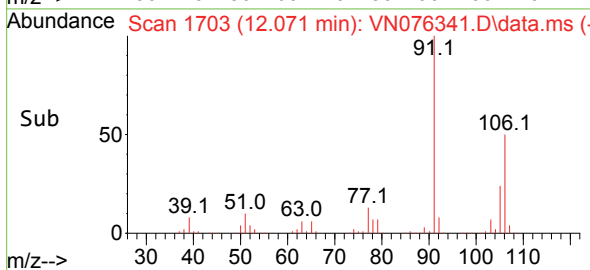
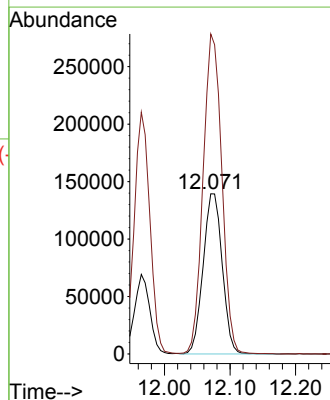
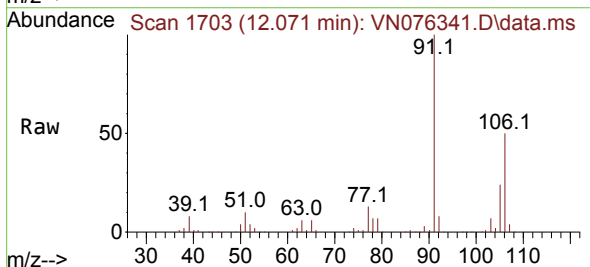
Acq: 20 Jan 2023 12:25

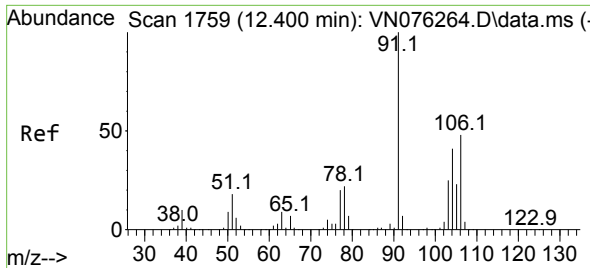
Tgt Ion:106 Resp: 282887

Ion Ratio Lower Upper

106 100

91 195.9 157.5 236.3

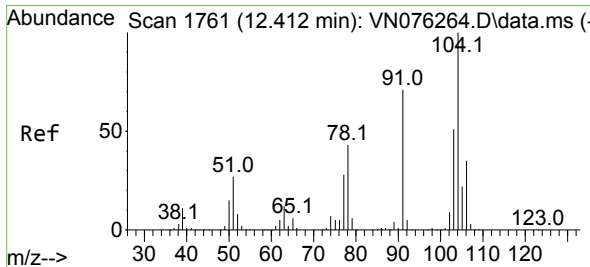
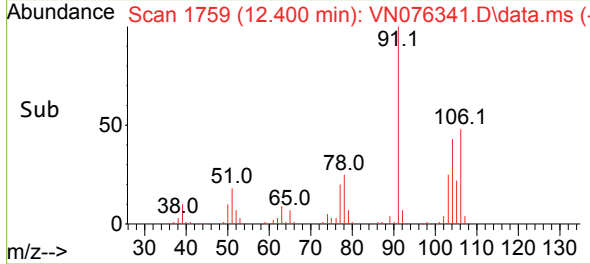
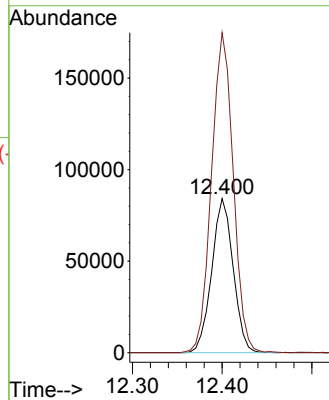
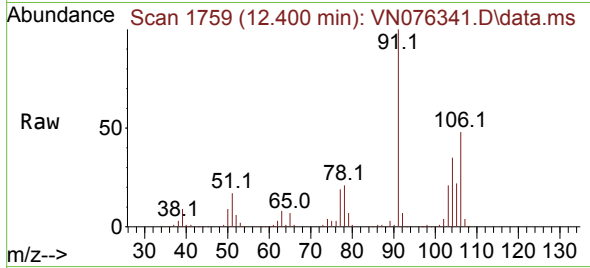




#69  
o-Xylene  
Concen: 19.219 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

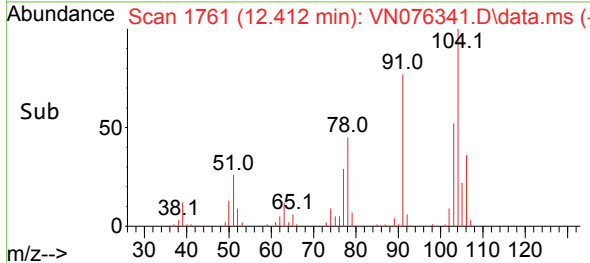
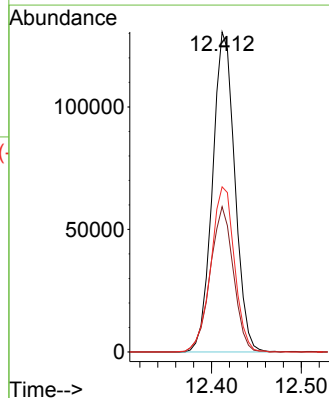
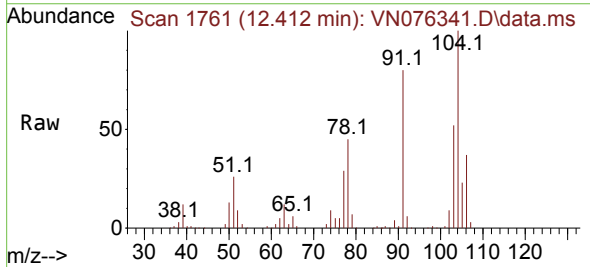
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

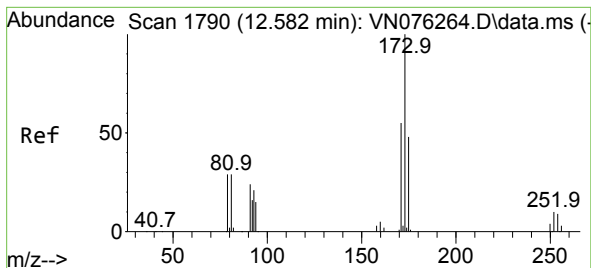
Tgt Ion:106 Resp: 139665  
Ion Ratio Lower Upper  
106 100  
91 210.6 103.2 309.4



#70  
Styrene  
Concen: 19.426 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion:104 Resp: 225404  
Ion Ratio Lower Upper  
104 100  
78 47.3 37.4 56.0  
103 54.7 44.2 66.2





#71

Bromoform

Concen: 19.806 ug/l

RT: 12.576 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0120WBSD01

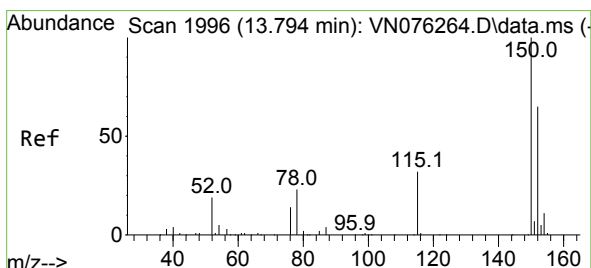
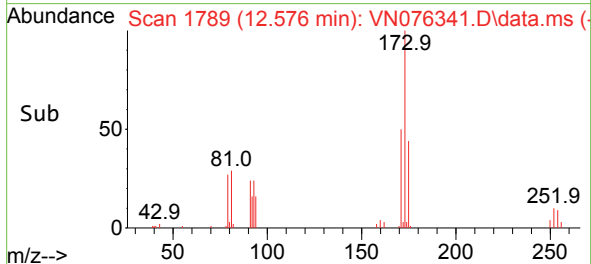
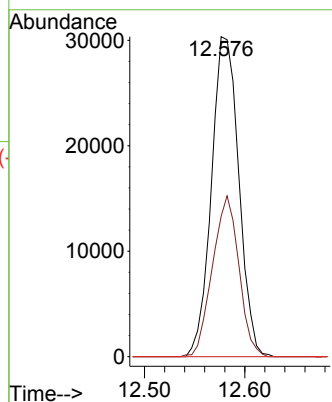
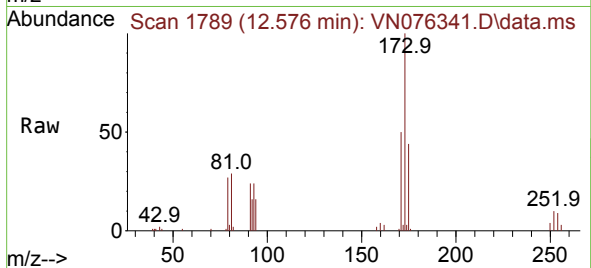
Tgt Ion:173 Resp: 57383

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

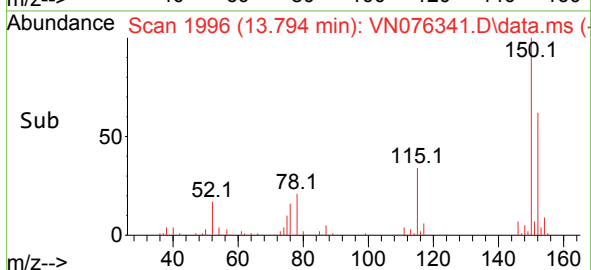
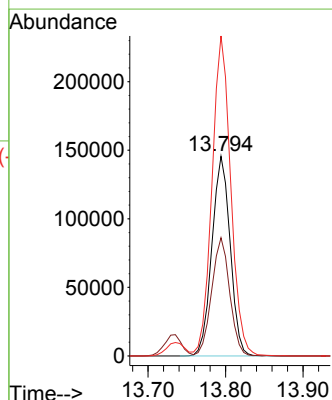
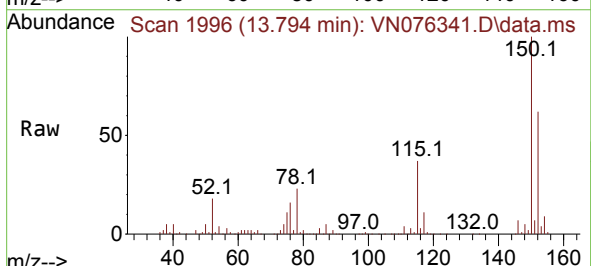
Tgt Ion:152 Resp: 238179

Ion Ratio Lower Upper

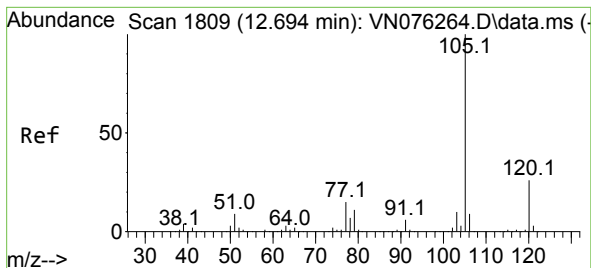
152 100

115 58.4 29.6 88.9

150 164.9 0.0 351.4







#73

Isopropylbenzene

Concen: 19.861 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

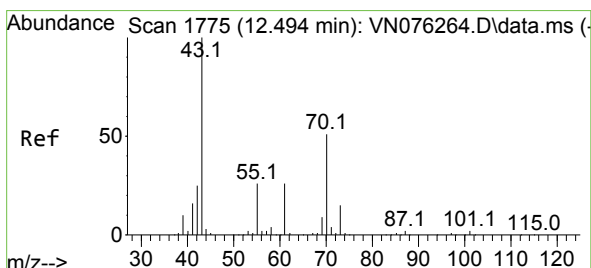
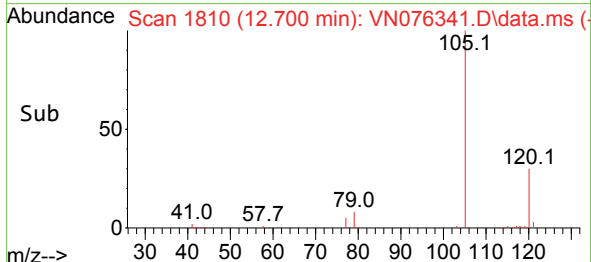
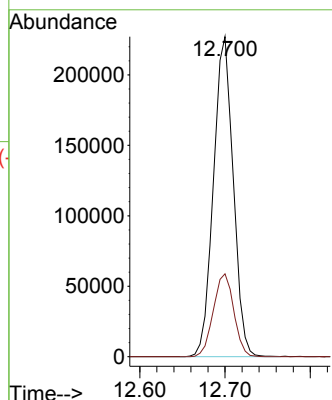
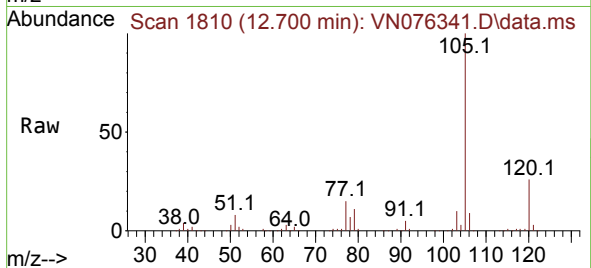
VN0120WBSD01

Tgt Ion:105 Resp: 365948

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 19.557 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Tgt Ion: 43 Resp: 103656

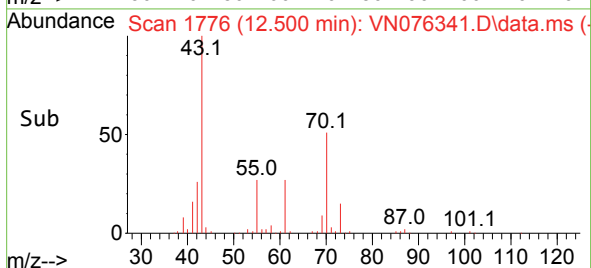
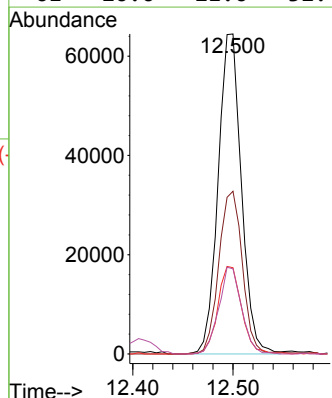
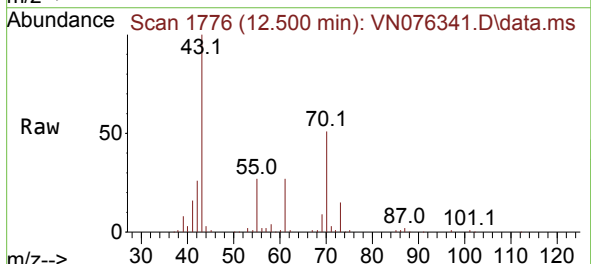
Ion Ratio Lower Upper

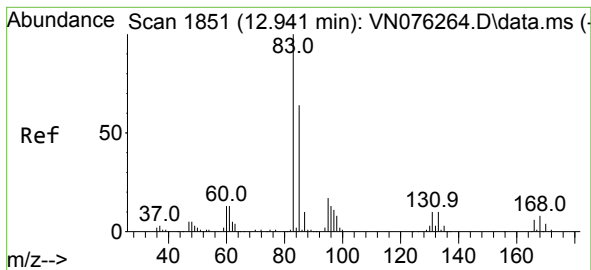
43 100

70 51.8 41.2 61.8

55 27.9 21.0 31.6

61 26.6 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.257 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0120WBSD01

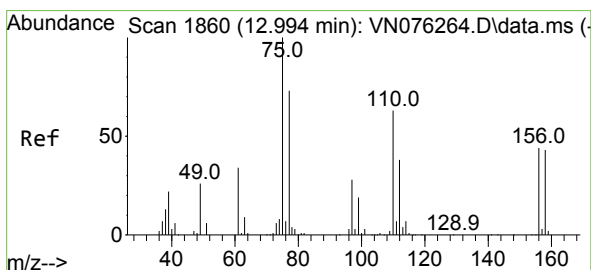
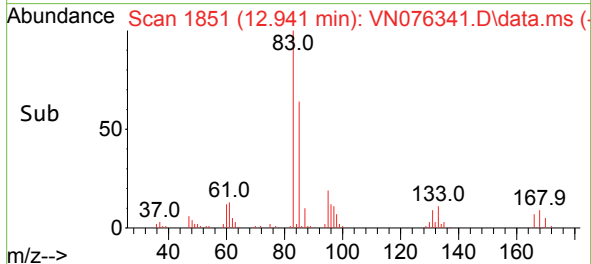
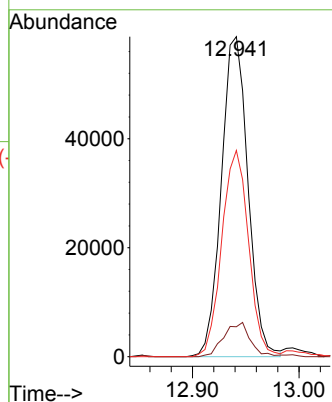
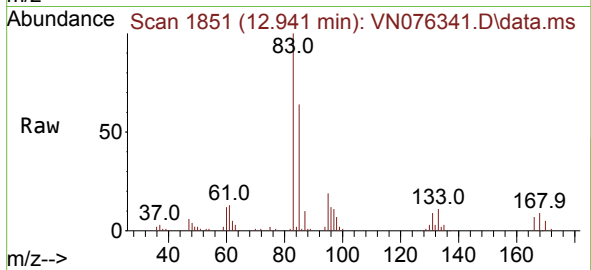
Tgt Ion: 83 Resp: 102001

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

85 64.8 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 27.590 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076341.D

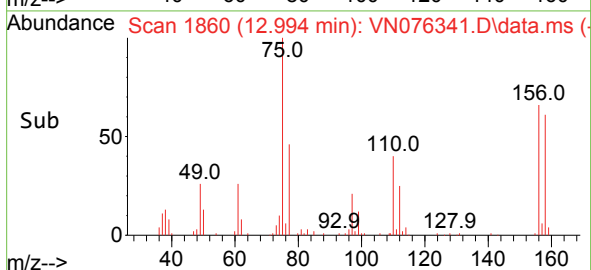
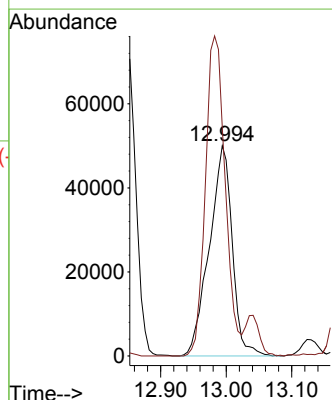
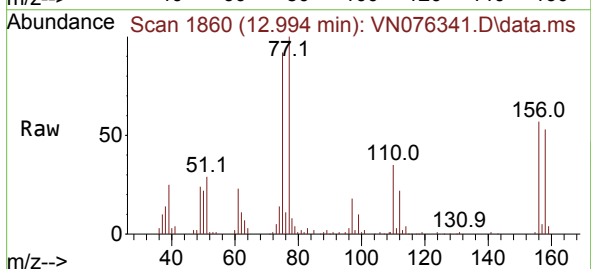
Acq: 20 Jan 2023 12:25

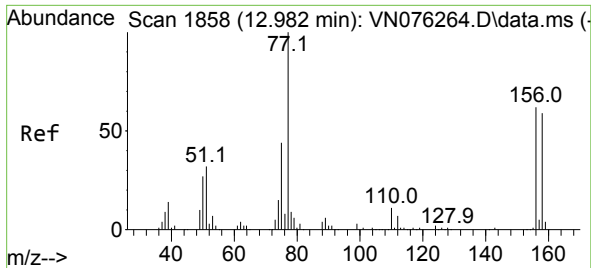
Tgt Ion: 75 Resp: 121555

Ion Ratio Lower Upper

75 100

77 131.9 75.2 225.6

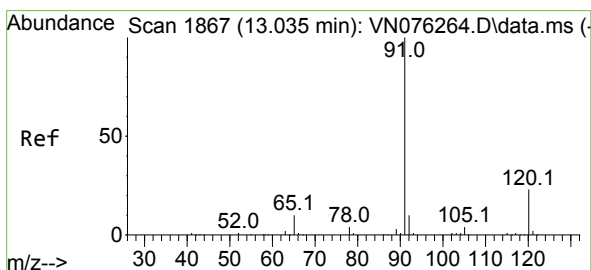
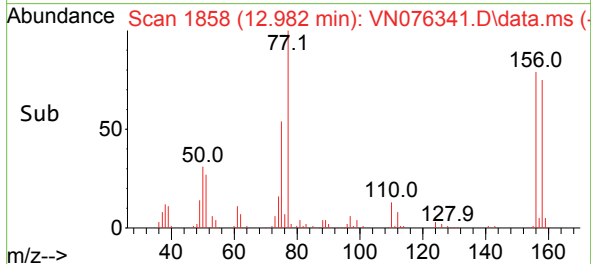
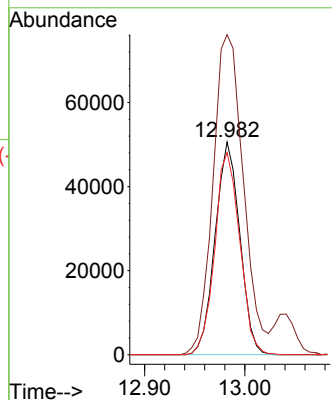
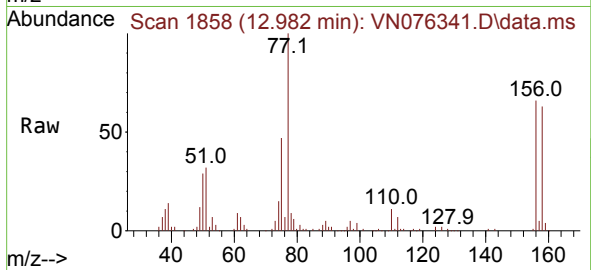




#77  
Bromobenzene  
Concen: 19.764 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

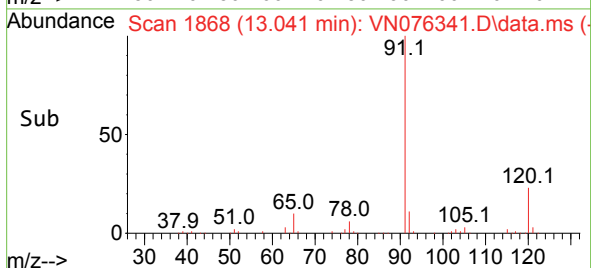
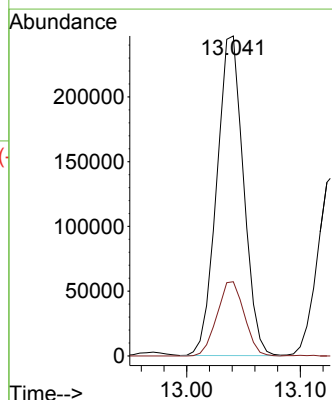
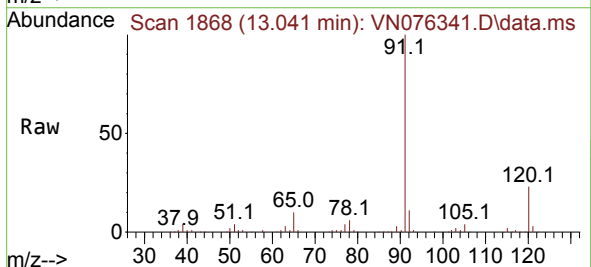
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

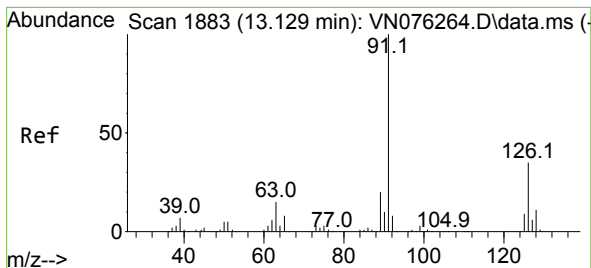
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 185.2 | 93.4  | 280.2 |
| 158     | 96.1  | 48.4  | 145.2 |



#78  
n-propylbenzene  
Concen: 19.431 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.6  | 11.9  | 35.5  |





#79

2-Chlorotoluene

Concen: 19.111 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

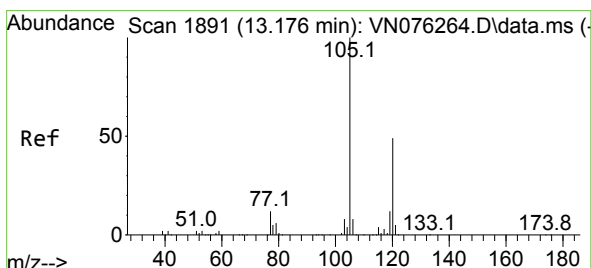
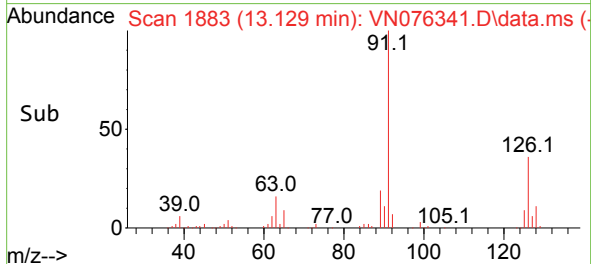
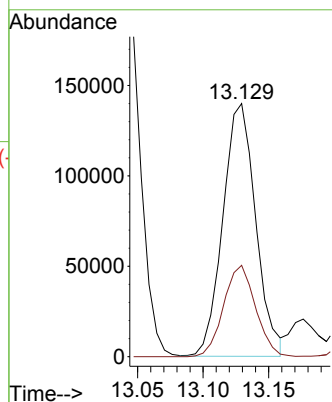
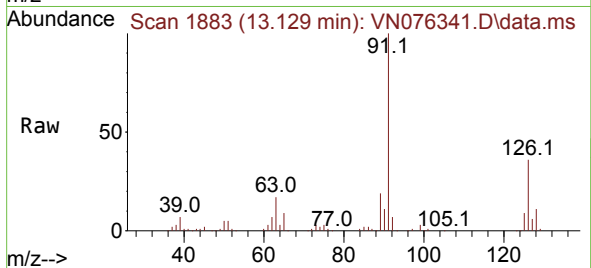
VN0120WBSD01

Tgt Ion: 91 Resp: 243812

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 19.701 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076341.D

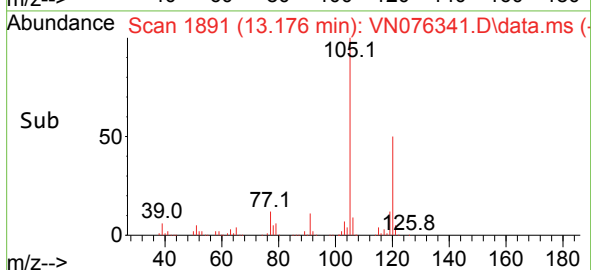
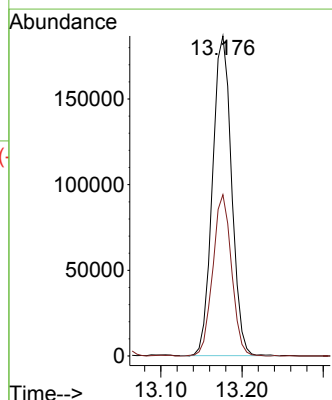
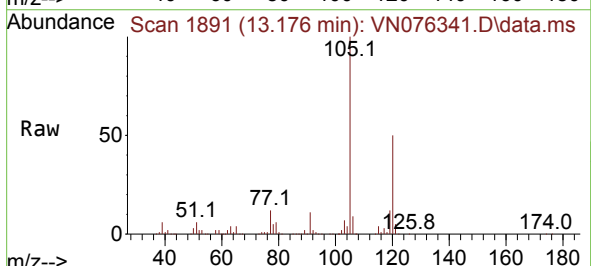
Acq: 20 Jan 2023 12:25

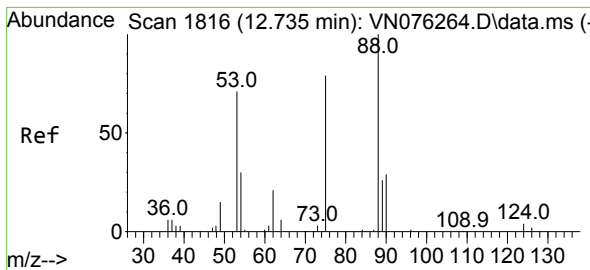
Tgt Ion: 105 Resp: 304105

Ion Ratio Lower Upper

105 100

120 49.6 25.0 75.0

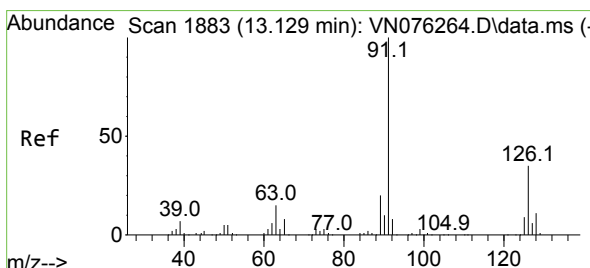
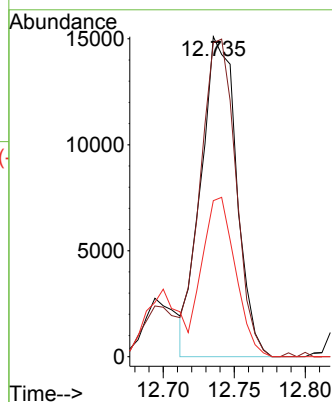
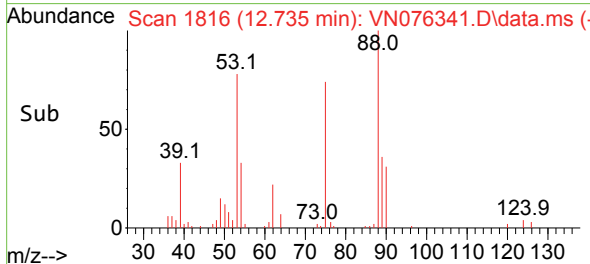
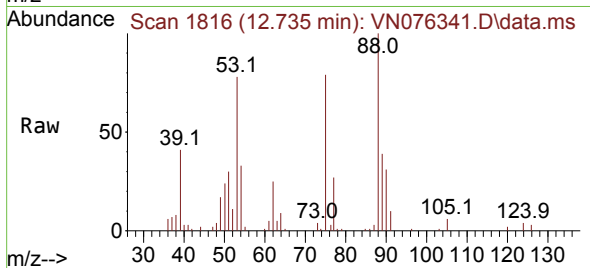




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.370 ug/l  
RT: 12.735 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

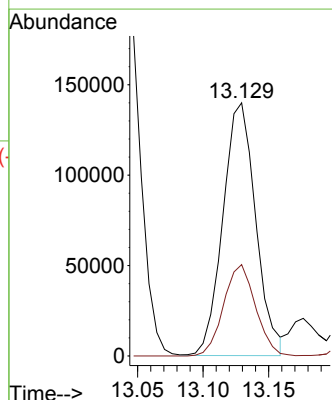
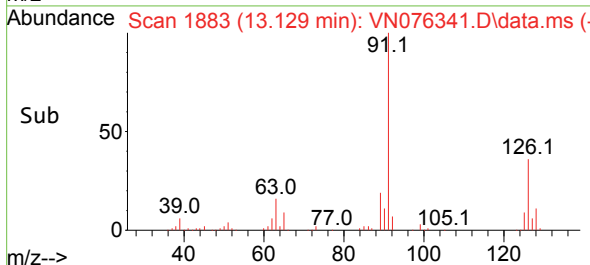
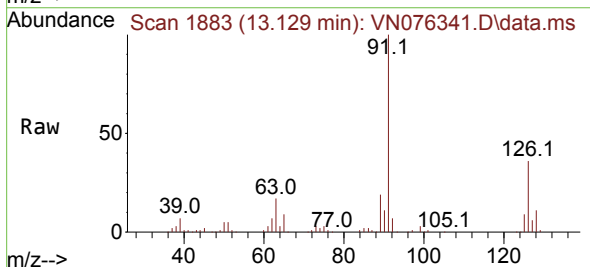
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

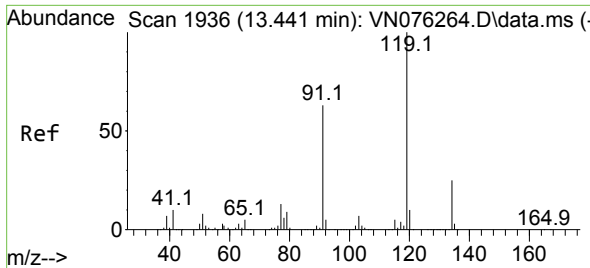
Tgt Ion: 75 Resp: 26297  
Ion Ratio Lower Upper  
75 100  
53 98.8 75.8 113.8  
89 46.3 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 19.111 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 91 Resp: 243812  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.4 52.2

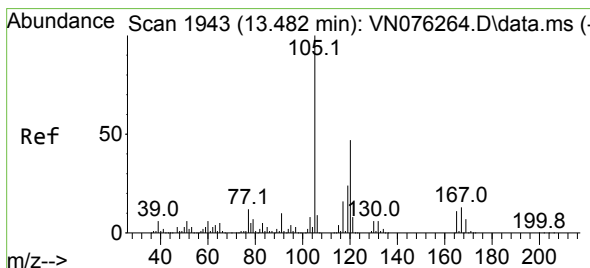
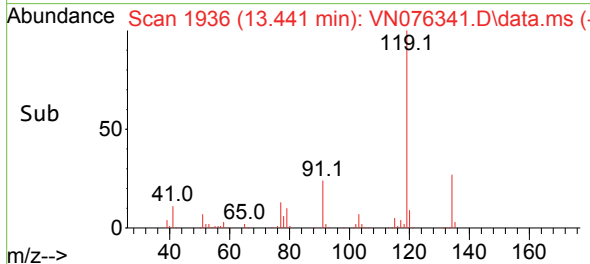
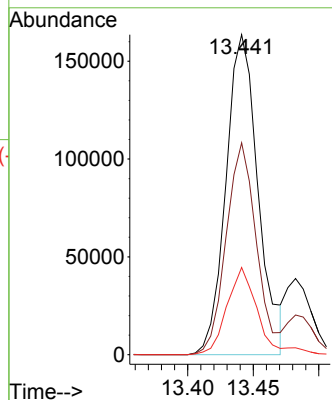
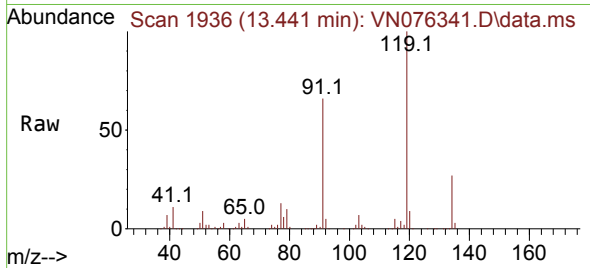




#83  
tert-Butylbenzene  
Concen: 20.364 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

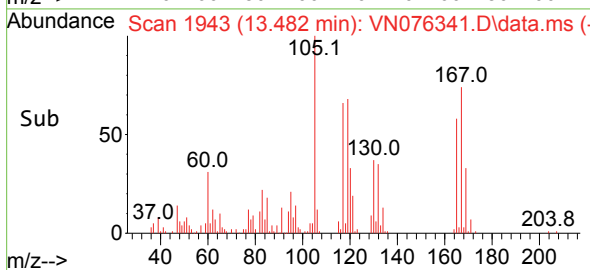
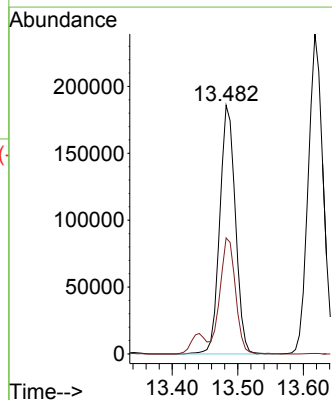
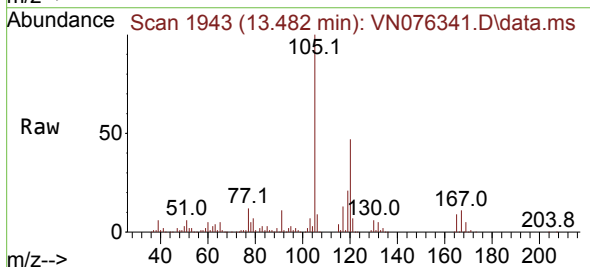
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

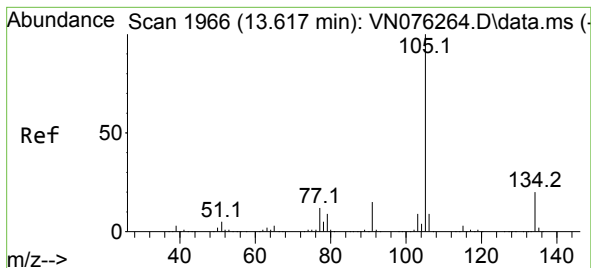
Tgt Ion:119 Resp: 279577  
Ion Ratio Lower Upper  
119 100  
91 62.5 32.2 96.6  
134 26.2 13.6 40.8



#84  
1,2,4-Trimethylbenzene  
Concen: 19.798 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion:105 Resp: 306434  
Ion Ratio Lower Upper  
105 100  
120 46.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.772 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.001 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

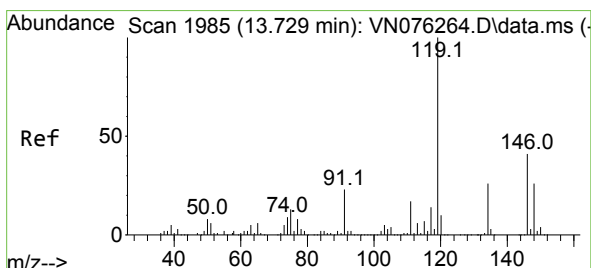
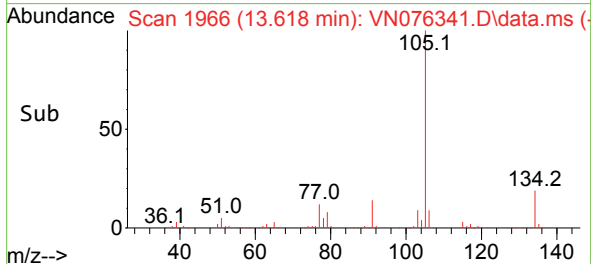
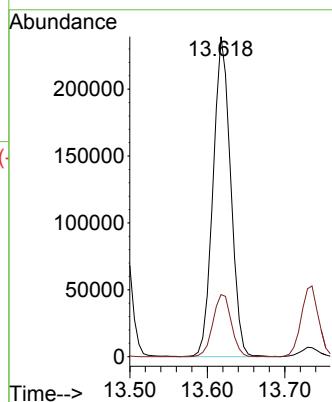
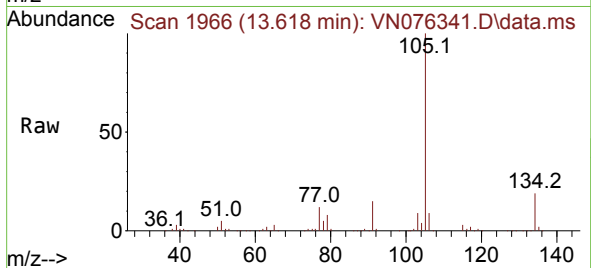
VN0120WBSD01

Tgt Ion:105 Resp: 376667

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.298 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

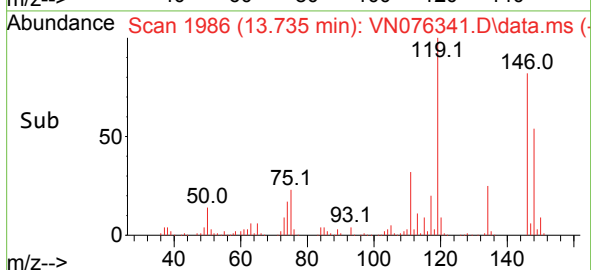
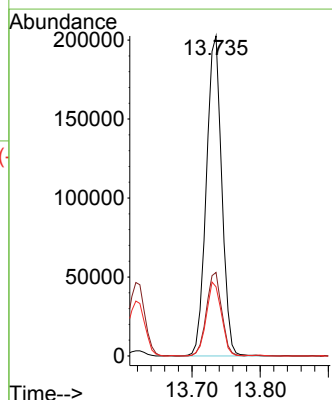
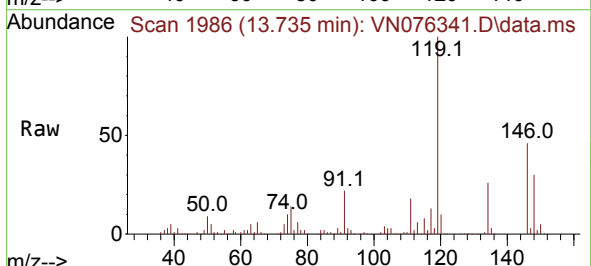
Tgt Ion:119 Resp: 317969

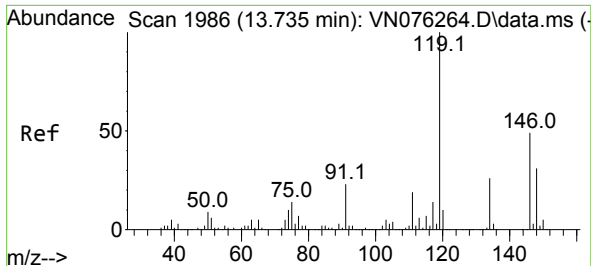
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.6

91 22.7 11.8 35.3

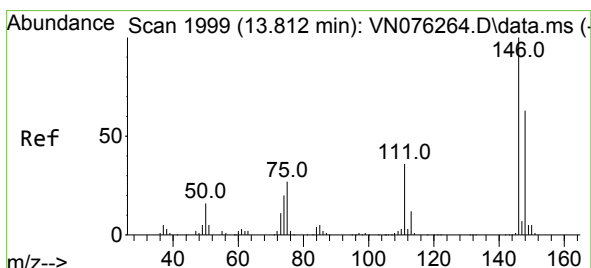
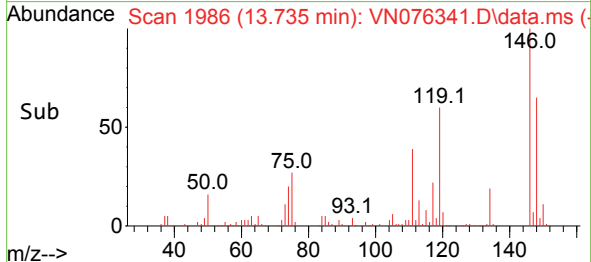
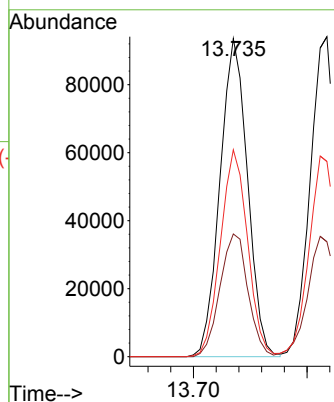
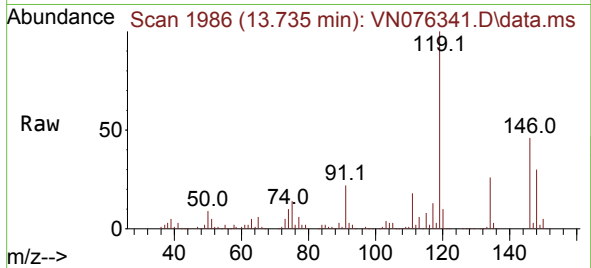




#87  
 1,3-Dichlorobenzene  
 Concen: 18.123 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. 0.000 min  
 Lab File: VN076341.D  
 Acq: 20 Jan 2023 12:25

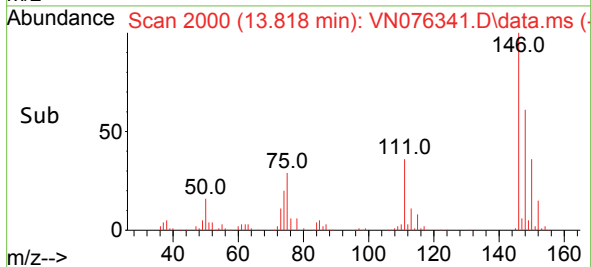
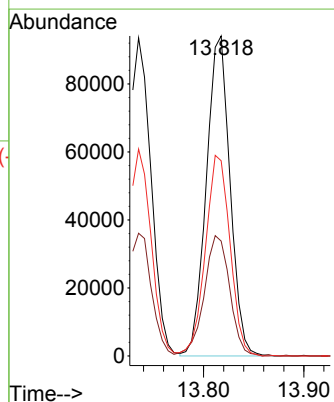
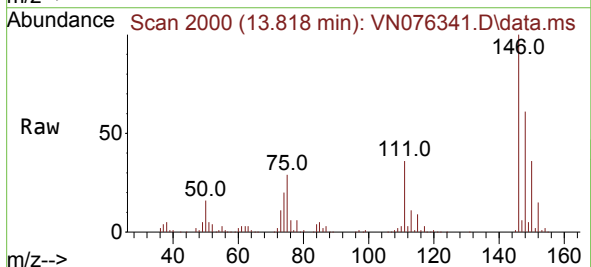
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120WBSD01

Tgt Ion:146 Resp: 157388  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 19.9 59.7  
 148 64.1 31.6 94.8

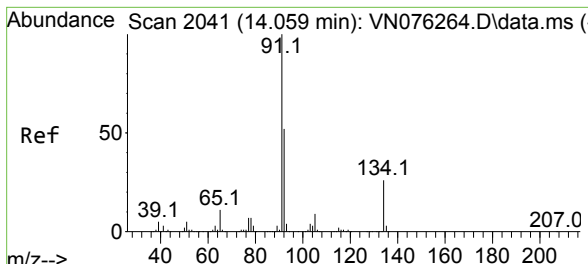


#88  
 1,4-Dichlorobenzene  
 Concen: 18.829 ug/l  
 RT: 13.818 min Scan# 2000  
 Delta R.T. 0.006 min  
 Lab File: VN076341.D  
 Acq: 20 Jan 2023 12:25

Tgt Ion:146 Resp: 155032  
 Ion Ratio Lower Upper  
 146 100  
 111 40.5 19.1 57.5  
 148 65.1 31.9 95.9



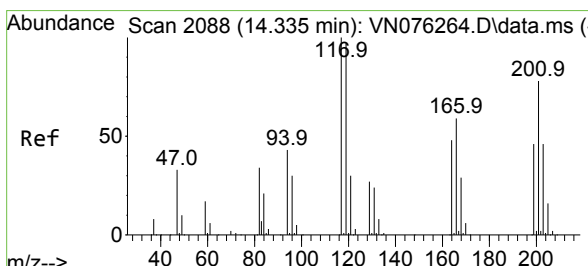
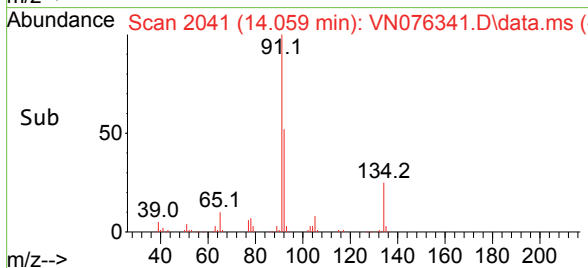
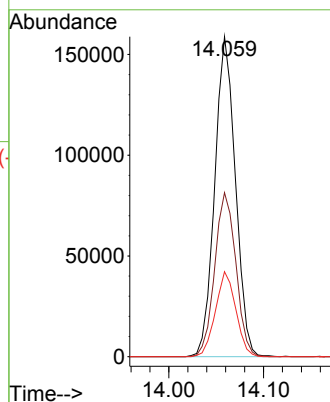
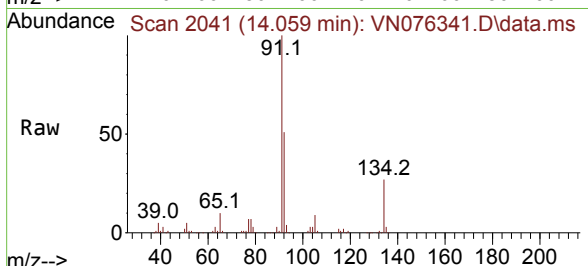




#89  
 n-Butylbenzene  
 Concen: 19.416 ug/l  
 RT: 14.059 min Scan# 2041  
 Delta R.T. -0.000 min  
 Lab File: VN076341.D  
 Acq: 20 Jan 2023 12:25

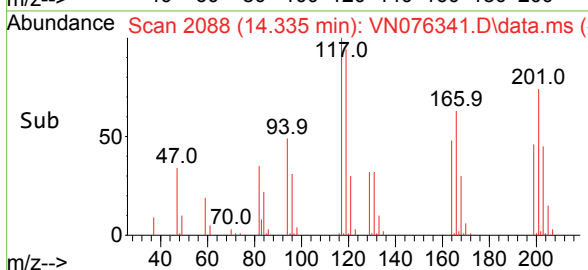
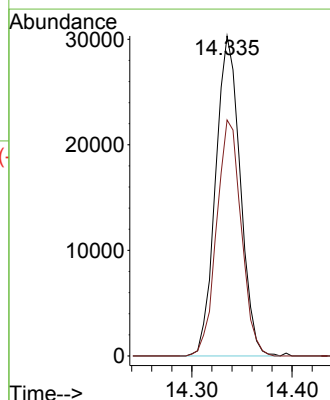
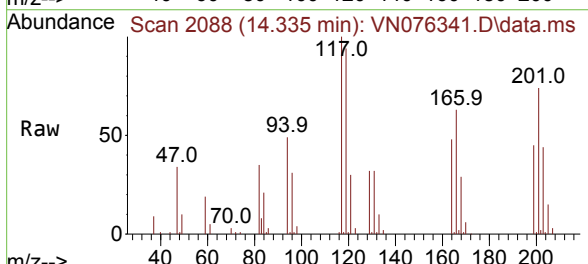
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0120WBSD01

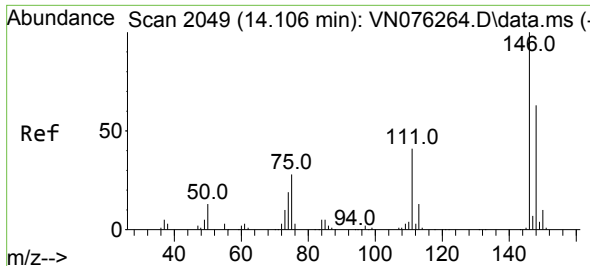
|             |              |
|-------------|--------------|
| Tgt Ion: 91 | Resp: 241448 |
| Ion Ratio   | Lower Upper  |
| 91 100      |              |
| 92 52.4     | 26.3 78.9    |
| 134 26.2    | 13.2 39.5    |



#90  
 Hexachloroethane  
 Concen: 19.079 ug/l  
 RT: 14.335 min Scan# 2088  
 Delta R.T. 0.000 min  
 Lab File: VN076341.D  
 Acq: 20 Jan 2023 12:25

|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion:117 | Resp: 51584 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 117 100     |             |       |  |
| 201 74.0    | 37.3        | 111.9 |  |

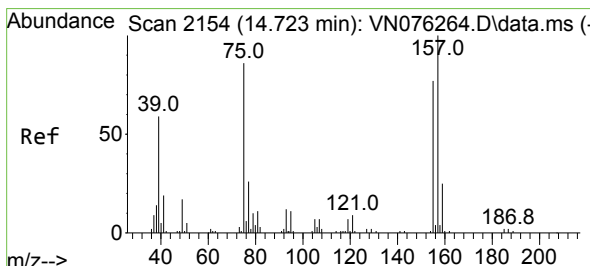
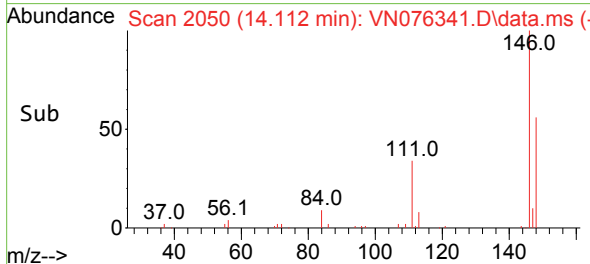
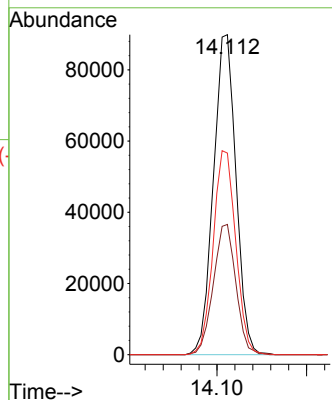
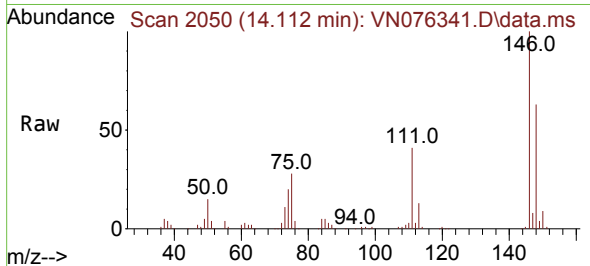




#91  
1,2-Dichlorobenzene  
Concen: 18.139 ug/l  
RT: 14.112 min Scan# 2049  
Delta R.T. 0.006 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

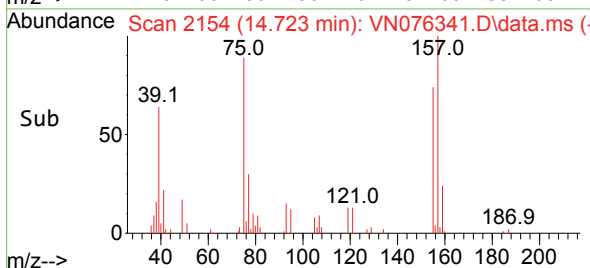
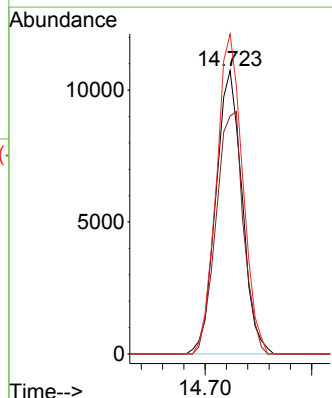
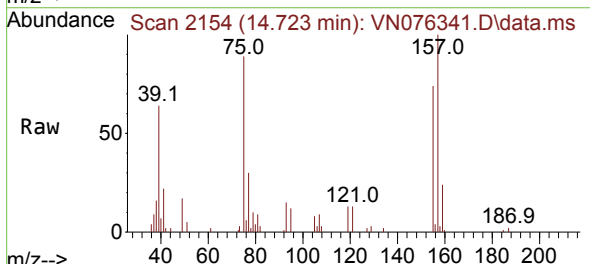
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0120WBSD01

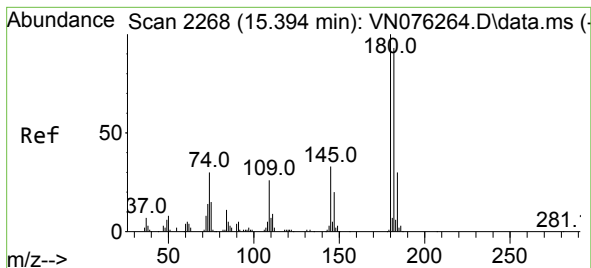
Tgt Ion:146 Resp: 156897  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.3 60.8  
148 63.7 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.874 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: VN076341.D  
Acq: 20 Jan 2023 12:25

Tgt Ion: 75 Resp: 18299  
Ion Ratio Lower Upper  
75 100  
155 89.3 45.0 135.0  
157 113.1 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 18.377 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0120WBSD01

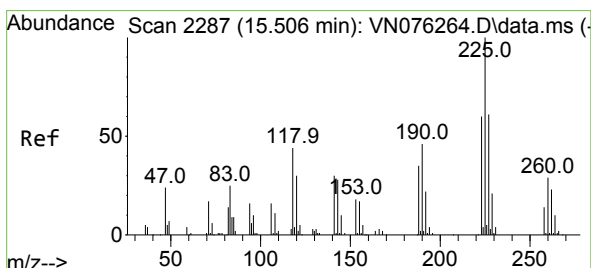
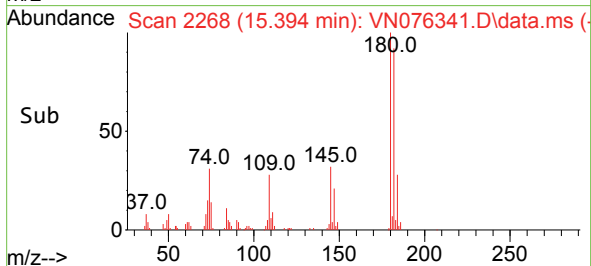
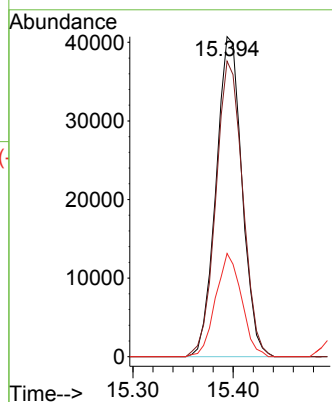
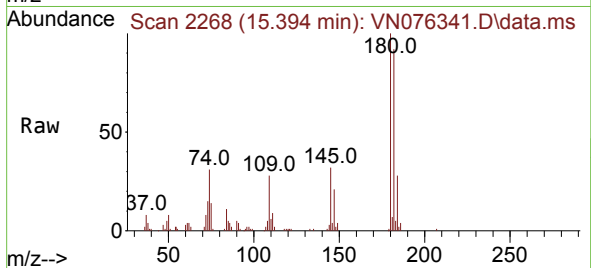
Tgt Ion:180 Resp: 73264

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 32.1 15.2 45.5



#94

Hexachlorobutadiene

Concen: 17.864 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

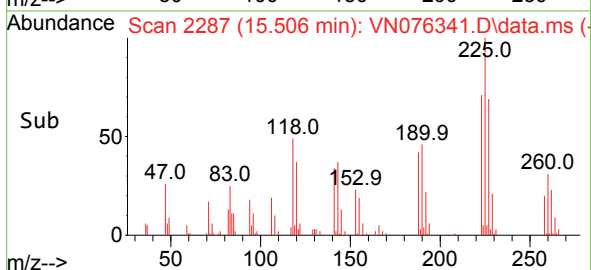
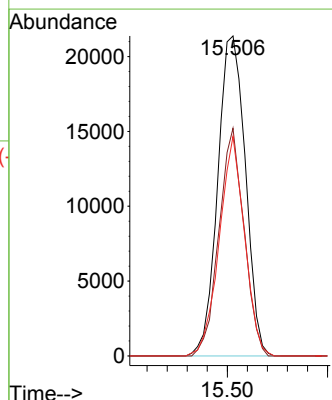
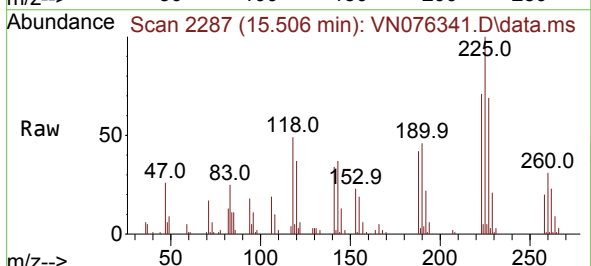
Tgt Ion:225 Resp: 41004

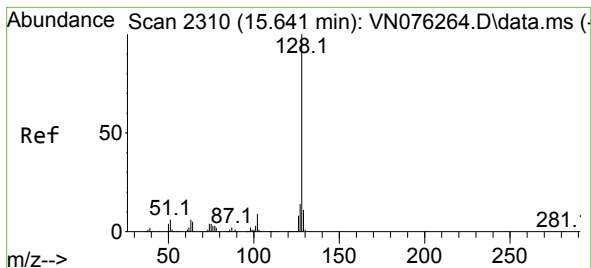
Ion Ratio Lower Upper

225 100

223 64.5 30.8 92.3

227 62.6 30.9 92.8





#95

Naphthalene

Concen: 18.946 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0120WBSD01

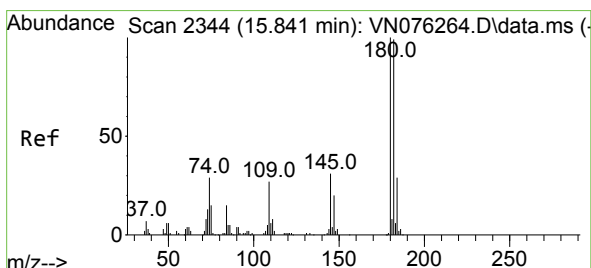
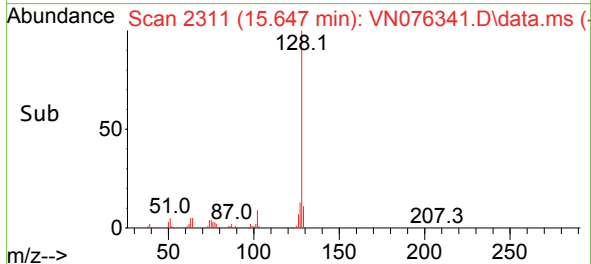
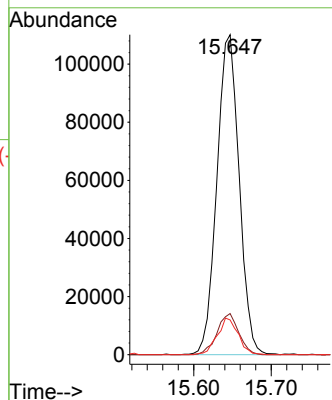
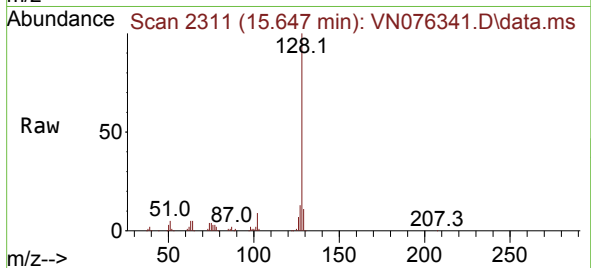
Tgt Ion:128 Resp: 219791

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.546 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076341.D

Acq: 20 Jan 2023 12:25

Tgt Ion:180 Resp: 70926

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 33.4 15.9 47.6

