

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050422\  
 Data File : VN072327.D  
 Acq On : 04 May 2022 14:50  
 Operator : JC\MD  
 Sample : VN0504MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0504MBS01

Quant Time: May 05 02:20:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 8.081          | 168  | 204739              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.963          | 114  | 353555              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.739         | 117  | 317453              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.669         | 152  | 125099              | 50.000 | ug/l   | 0.00     |
|                              |                |      |                     |        |        |          |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.434          | 65   | 160730              | 51.136 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = 102.280% |        |        |          |
| 35) Dibromofluoromethane     | 8.016          | 113  | 115756              | 51.153 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = 102.300% |        |        |          |
| 50) Toluene-d8               | 10.439         | 98   | 453020              | 50.947 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = 101.900% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.727         | 95   | 140847              | 47.721 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = 95.440%  |        |        |          |
|                              |                |      |                     |        |        |          |
| Target Compounds             |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.069          | 85   | 42037               | 18.211 | ug/l   | 99       |
| 3) Chloromethane             | 2.299          | 50   | 47241               | 17.825 | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.446          | 62   | 37347               | 16.204 | ug/l   | 99       |
| 5) Bromomethane              | 2.840          | 94   | 23098               | 19.572 | ug/l   | 90       |
| 6) Chloroethane              | 3.010          | 64   | 27637               | 20.227 | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.369          | 101  | 70085               | 17.406 | ug/l   | 97       |
| 8) Diethyl Ether             | 3.828          | 74   | 27198               | 18.654 | ug/l   | 85       |
| 9) 1,1,2-Trichlorotrifluo... | 4.216          | 101  | 38513               | 18.209 | ug/l   | 97       |
| 10) Methyl Iodide            | 4.422          | 142  | 44518               | 17.340 | ug/l   | 90       |
| 11) Tert butyl alcohol       | 5.369          | 59   | 44510               | 86.170 | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 4.187          | 96   | 35008               | 17.903 | ug/l   | 92       |
| 13) Acrolein                 | 4.040          | 56   | 40042               | 77.030 | ug/l   | 97       |
| 14) Allyl chloride           | 4.840          | 41   | 72521               | 17.862 | ug/l   | 95       |
| 15) Acrylonitrile            | 5.551          | 53   | 144590              | 92.761 | ug/l   | 99       |
| 16) Acetone                  | 4.287          | 43   | 119993              | 88.545 | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.528          | 76   | 73635               | 16.252 | ug/l   | 99       |
| 18) Methyl Acetate           | 4.857          | 43   | 74330               | 19.596 | ug/l # | 89       |
| 19) Methyl tert-butyl Ether  | 5.616          | 73   | 143917              | 18.776 | ug/l   | 98       |
| 20) Methylene Chloride       | 5.087          | 84   | 47502               | 18.287 | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 5.593          | 96   | 38895               | 18.038 | ug/l   | 94       |
| 22) Diisopropyl ether        | 6.498          | 45   | 172397              | 20.615 | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.428          | 43   | 701847              | 99.928 | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 6.387          | 63   | 88914               | 19.008 | ug/l   | 98       |
| 25) 2-Butanone               | 7.334          | 43   | 197537              | 91.529 | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 7.322          | 77   | 71082               | 19.453 | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 7.316          | 96   | 49718               | 18.914 | ug/l   | 92       |
| 28) Bromochloromethane       | 7.657          | 49   | 48008               | 22.920 | ug/l # | 75       |
| 29) Tetrahydrofuran          | 7.687          | 42   | 134580              | 95.019 | ug/l # | 86       |
| 30) Chloroform               | 7.816          | 83   | 90592               | 19.288 | ug/l   | 98       |
| 31) Cyclohexane              | 8.092          | 56   | 74854               | 17.823 | ug/l # | 84       |
| 32) 1,1,1-Trichloroethane    | 8.016          | 97   | 77092               | 19.288 | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.216          | 75   | 59258               | 17.990 | ug/l   | 95       |
| 37) Ethyl Acetate            | 7.410          | 43   | 86518               | 19.779 | ug/l # | 96       |
| 38) Carbon Tetrachloride     | 8.204          | 117  | 65277               | 18.503 | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.457          | 83   | 61386               | 16.663 | ug/l   | 89       |
| 40) Benzene                  | 8.463          | 78   | 189427              | 18.540 | ug/l   | 93       |

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 Sample : VN0504MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0504MBS01

Quant Time: May 05 02:20:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.634  | 41   | 42207    | 19.073  | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 75357    | 19.266  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 127657   | 19.090  | ug/l # | 92       |
| 44) Trichloroethene           | 9.216  | 130  | 45177    | 19.008  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 51902    | 18.800  | ug/l   | 99       |
| 46) Dibromomethane            | 9.575  | 93   | 33184    | 19.187  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.757  | 83   | 70179    | 19.339  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.557  | 41   | 59479    | 20.585  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 16129    | 317.768 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 407406   | 98.710  | ug/l   | 92       |
| 52) Toluene                   | 10.504 | 92   | 117663   | 19.264  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 69543    | 19.064  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 75253    | 19.075  | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 51323    | 20.040  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 73088    | 17.890  | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 88355    | 19.661  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 86591    | 84.403  | ug/l   | 93       |
| 59) 2-Hexanone                | 11.080 | 43   | 280588   | 96.491  | ug/l   | 90       |
| 60) Dibromochloromethane      | 11.233 | 129  | 50175    | 19.160  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 46734    | 18.555  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.975 | 164  | 37523    | 19.636  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.769 | 112  | 117361   | 18.297  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 46475    | 19.229  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.839 | 91   | 207191   | 18.522  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.951 | 106  | 161710   | 38.931  | ug/l   | 97       |
| 69) o-Xylene                  | 12.275 | 106  | 79149    | 19.655  | ug/l   | 96       |
| 70) Styrene                   | 12.292 | 104  | 120788   | 19.043  | ug/l   | 95       |
| 71) Bromoform                 | 12.451 | 173  | 33124    | 18.427  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.574 | 105  | 204006   | 18.464  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.380 | 43   | 75622    | 18.269  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.822 | 83   | 75253    | 19.542  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 88883    | 31.613  | ug/l   | 49       |
| 77) Bromobenzene              | 12.857 | 156  | 45823    | 17.538  | ug/l   | 86       |
| 78) n-propylbenzene           | 12.916 | 91   | 223066   | 18.326  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 143004   | 17.887  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 165102   | 17.943  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.622 | 75   | 18185    | 16.808  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 13.098 | 91   | 135373   | 18.190  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 144784   | 17.921  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 159397   | 17.904  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 195297   | 18.542  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 150580   | 18.338  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 78282    | 18.511  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.686 | 146  | 75786    | 18.428  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 112617   | 17.905  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.204 | 117  | 29138    | 16.346  | ug/l   | 82       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 79315    | 19.029  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 12004    | 15.709  | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 26983    | 15.746  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.368 | 225  | 17914    | 16.039  | ug/l   | 98       |
| 95) Naphthalene               | 15.504 | 128  | 73848    | 14.717  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.692 | 180  | 27525    | 16.240  | ug/l   | 99       |

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Sample : VN0504MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 11 Sample Multiplier: 1

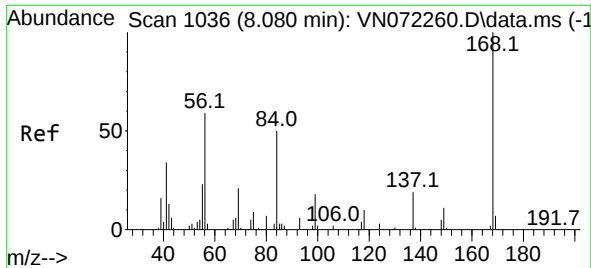
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

Quant Time: May 05 02:20:02 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 26 18:50:11 2022  
Response via : Initial Calibration

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

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

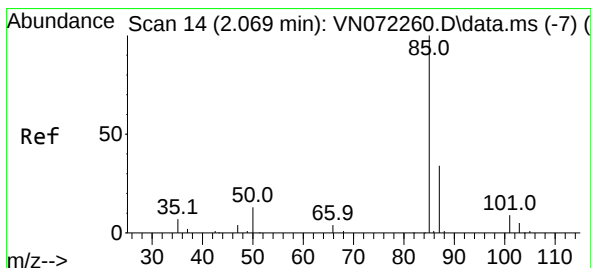
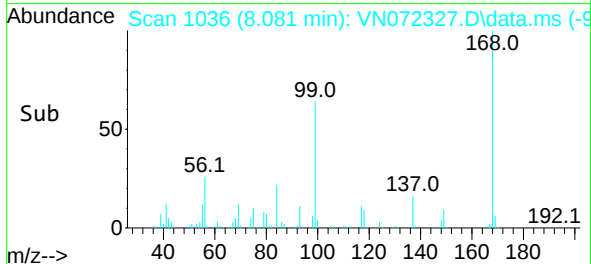
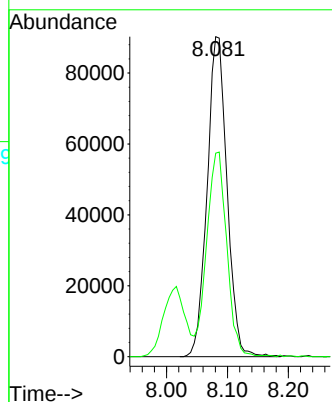
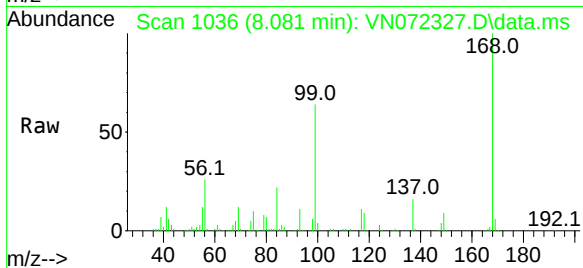




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

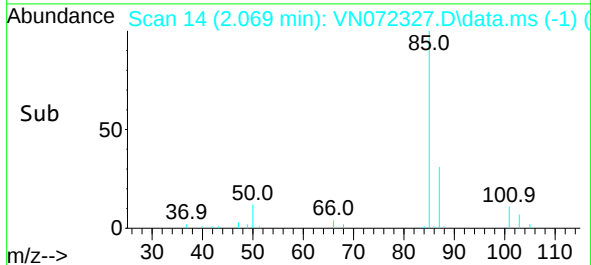
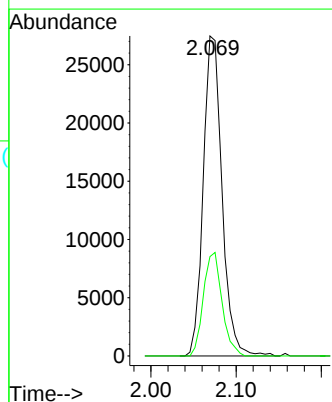
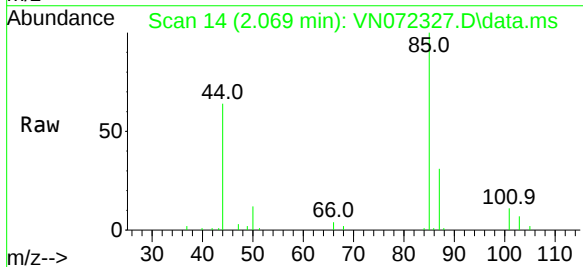
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

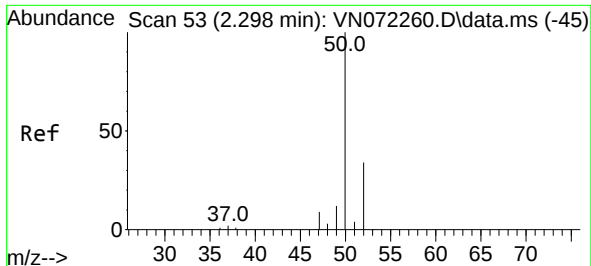
Tgt Ion:168 Resp: 204739  
Ion Ratio Lower Upper  
168 100  
99 63.1 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 18.211 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 85 Resp: 42037  
Ion Ratio Lower Upper  
85 100  
87 31.1 15.7 47.1

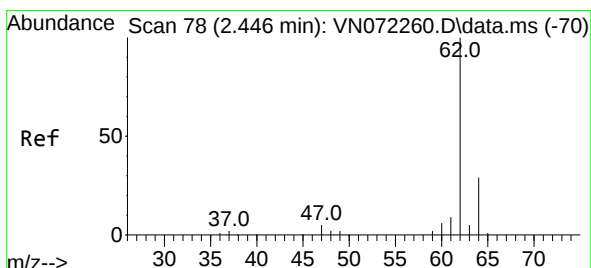
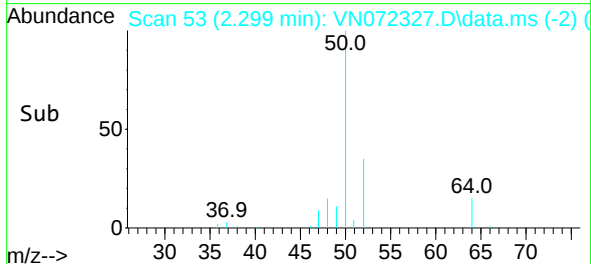
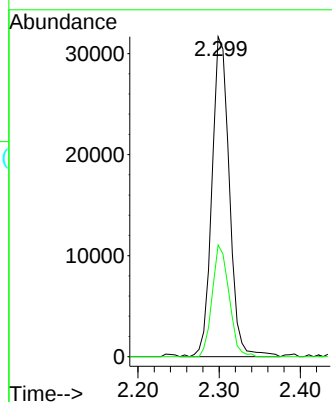
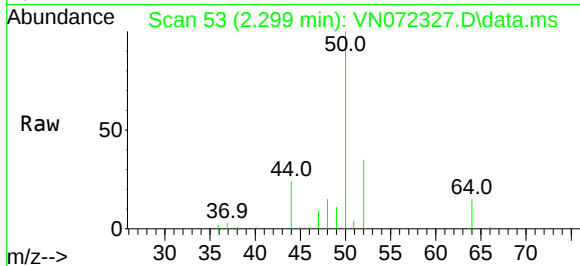




#3  
Chloromethane  
Concen: 17.825 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

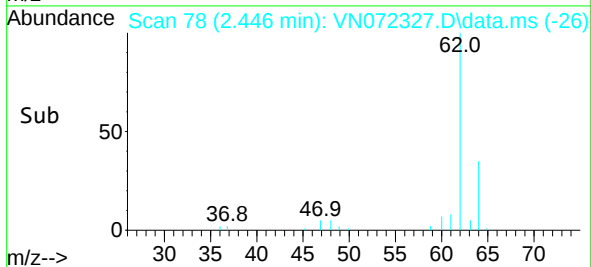
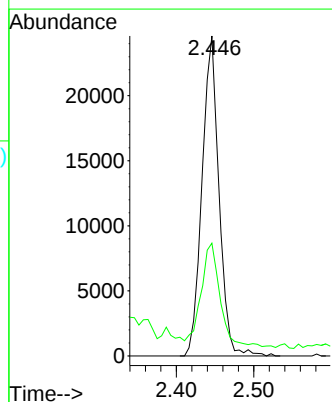
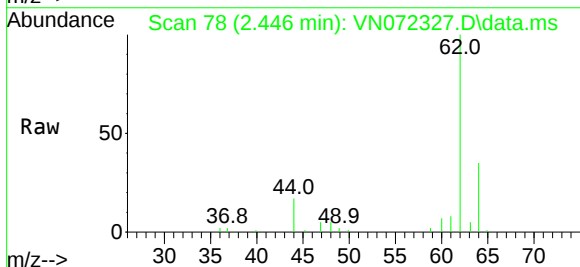
Instrument :  
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VN0504MBS01

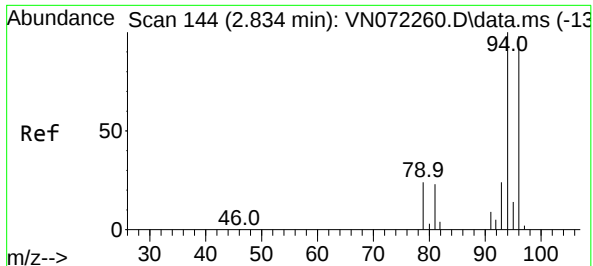
Tgt Ion: 50 Resp: 47241  
Ion Ratio Lower Upper  
50 100  
52 34.9 25.7 38.5



#4  
Vinyl Chloride  
Concen: 16.204 ug/l  
RT: 2.446 min Scan# 78  
Delta R.T. 0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 62 Resp: 37347  
Ion Ratio Lower Upper  
62 100  
64 31.8 25.0 37.4

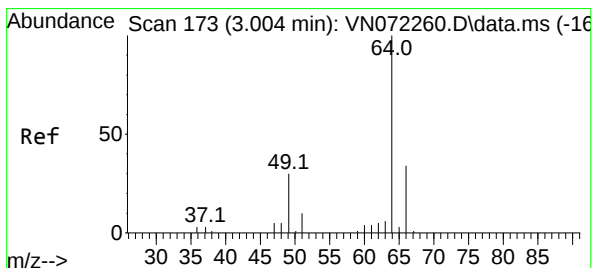
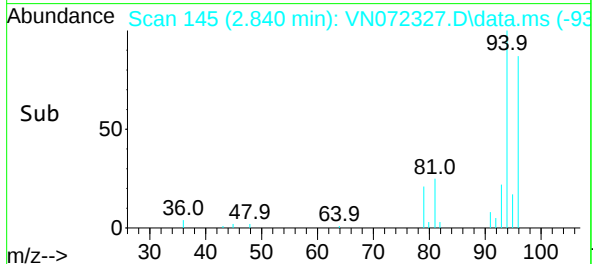
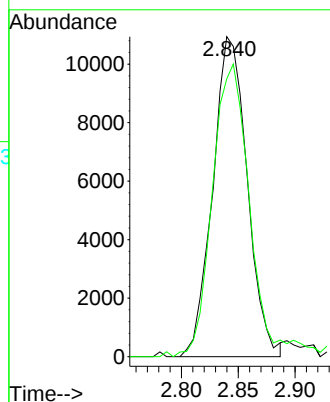
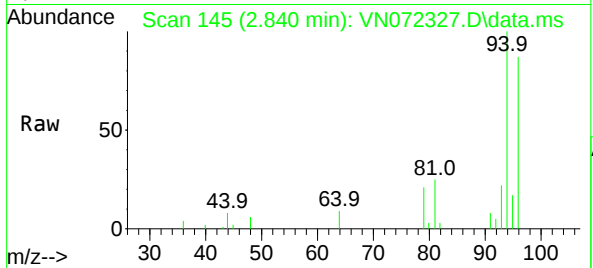




#5  
Bromomethane  
Concen: 19.572 ug/l  
RT: 2.840 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

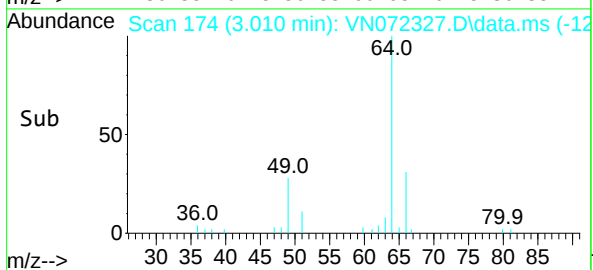
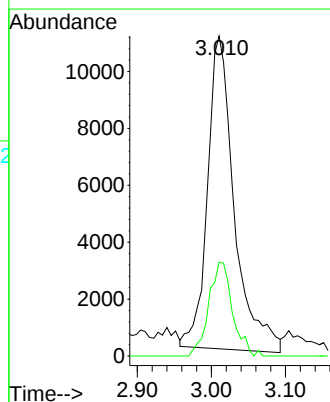
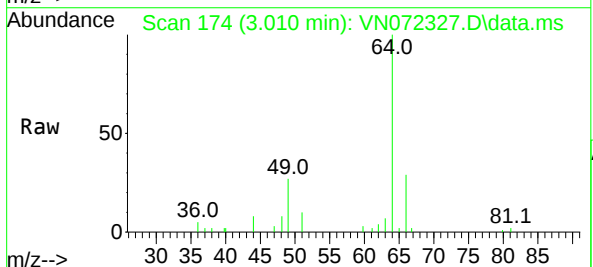
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

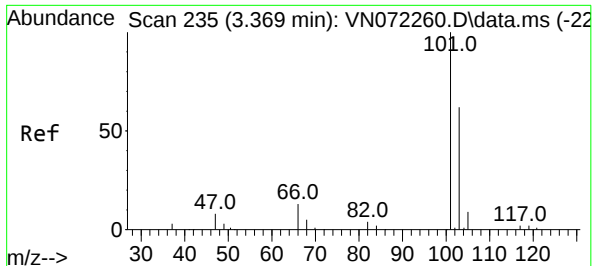
Tgt Ion: 94 Resp: 23098  
Ion Ratio Lower Upper  
94 100  
96 85.3 76.0 114.0



#6  
Chloroethane  
Concen: 20.227 ug/l  
RT: 3.010 min Scan# 174  
Delta R.T. 0.005 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 64 Resp: 27637  
Ion Ratio Lower Upper  
64 100  
66 30.8 26.2 39.4

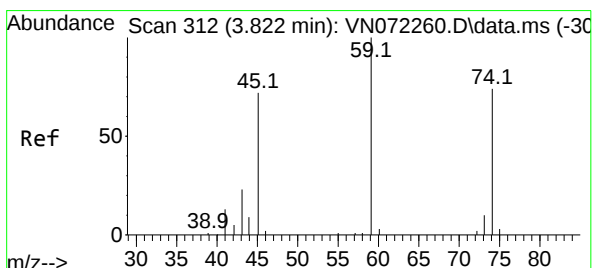
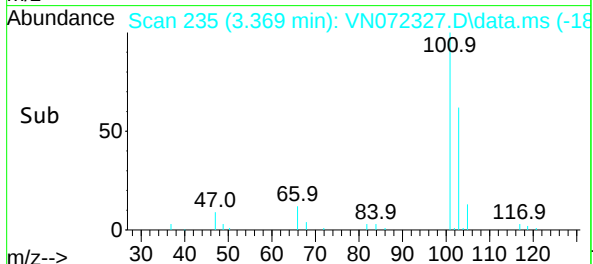
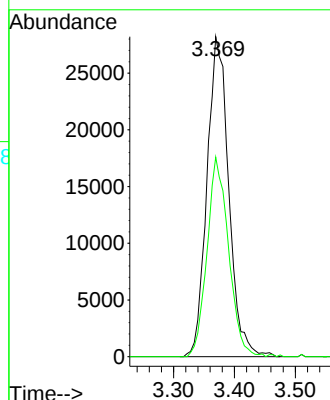
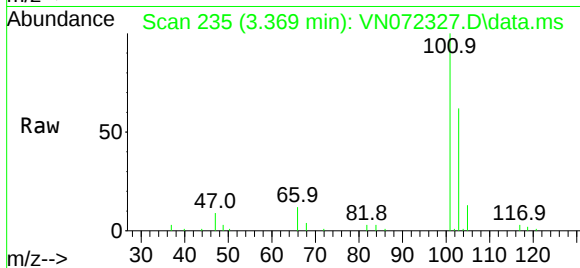




#7  
 Trichlorofluoromethane  
 Concen: 17.406 ug/l  
 RT: 3.369 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

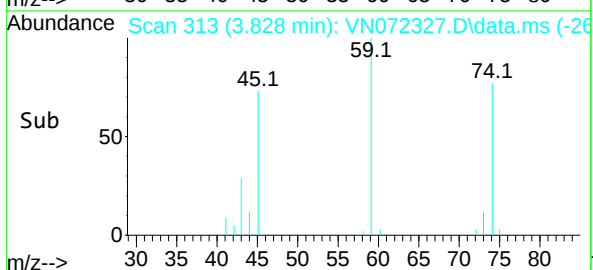
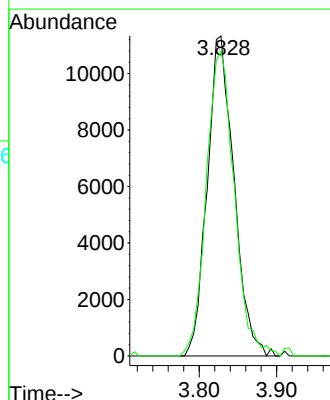
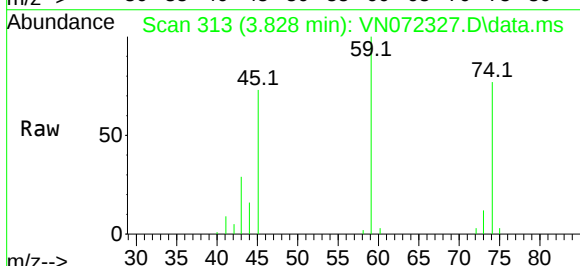
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0504MBS01

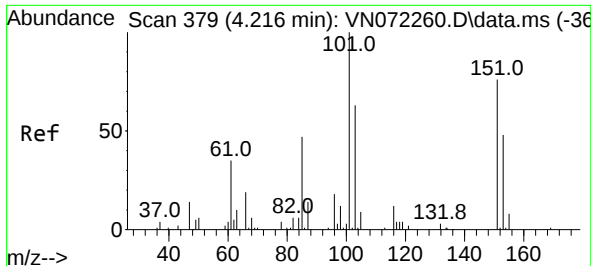
Tgt Ion:101 Resp: 70085  
 Ion Ratio Lower Upper  
 101 100  
 103 62.4 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 18.654 ug/l  
 RT: 3.828 min Scan# 313  
 Delta R.T. 0.006 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

Tgt Ion: 74 Resp: 27198  
 Ion Ratio Lower Upper  
 74 100  
 45 99.7 42.9 128.5



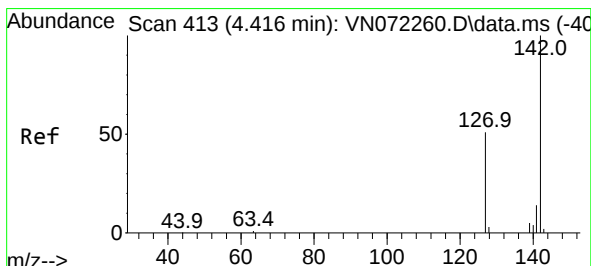
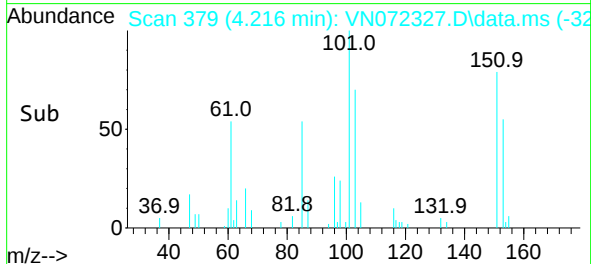
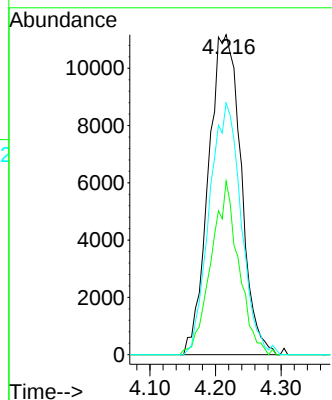
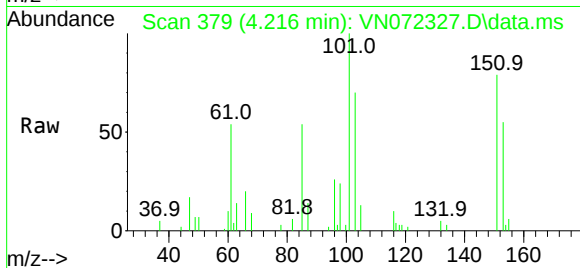


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 18.209 ug/l  
 RT: 4.216 min Scan# 31  
 Delta R.T. 0.006 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0504MBS01

Tgt Ion:101 Resp: 38513  

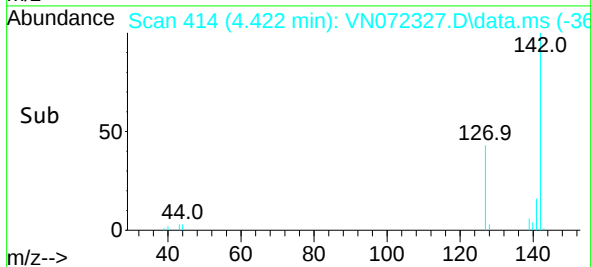
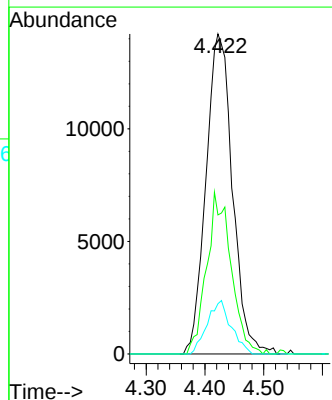
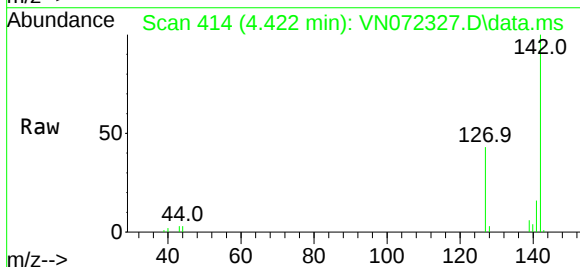
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 45.8  | 34.7  | 52.1  |
| 151 | 76.8  | 63.0  | 94.4  |

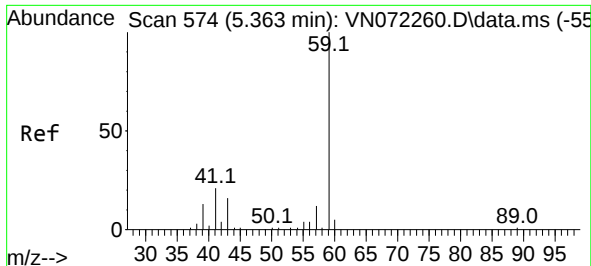


#10  
 Methyl Iodide  
 Concen: 17.340 ug/l  
 RT: 4.422 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

Tgt Ion:142 Resp: 44518  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 46.7  | 31.3  | 46.9  |
| 141 | 15.1  | 11.2  | 16.8  |

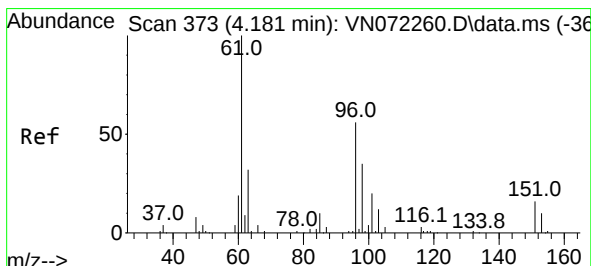
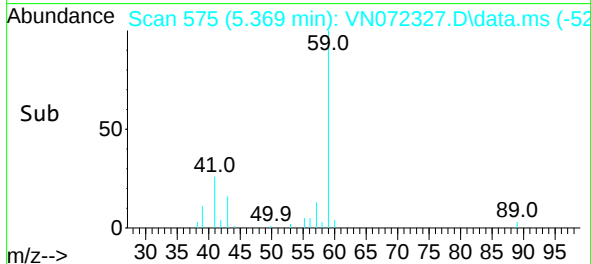
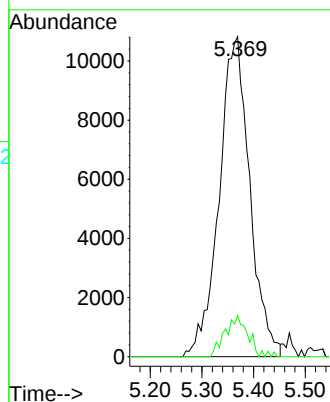
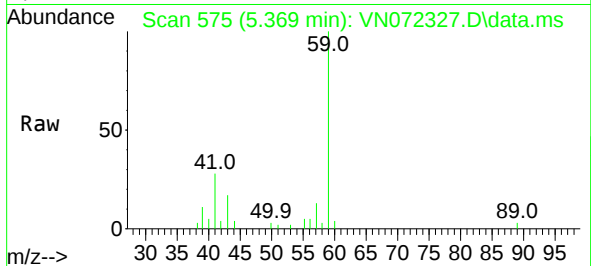




#11  
Tert butyl alcohol  
Concen: 86.170 ug/l  
RT: 5.369 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

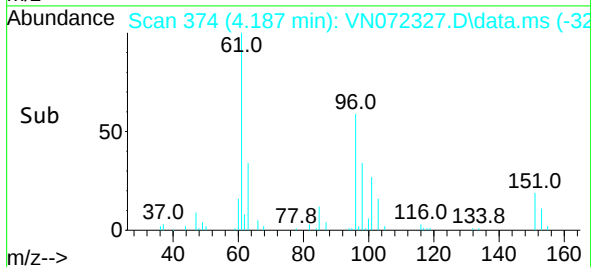
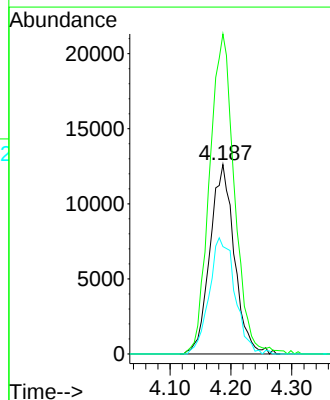
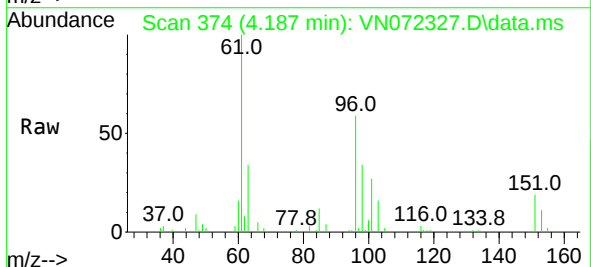
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

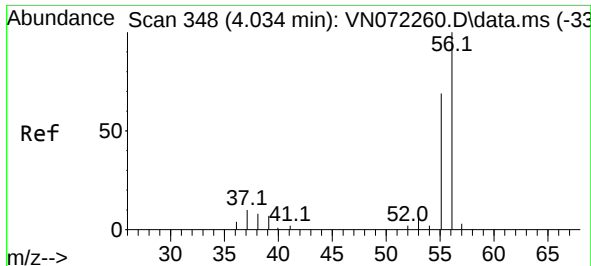
Tgt Ion: 59 Resp: 44510  
Ion Ratio Lower Upper  
59 100  
57 9.2 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 17.903 ug/l  
RT: 4.187 min Scan# 374  
Delta R.T. 0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 96 Resp: 35008  
Ion Ratio Lower Upper  
96 100  
61 169.0 127.6 191.4  
98 56.7 51.2 76.8

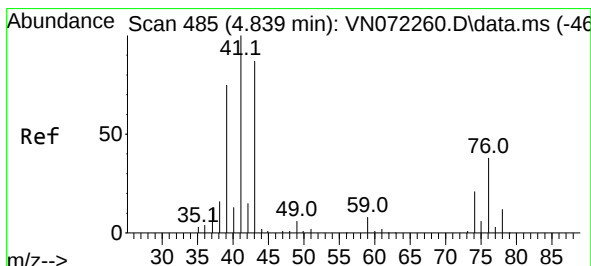
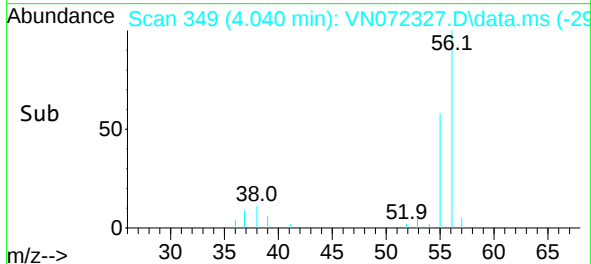
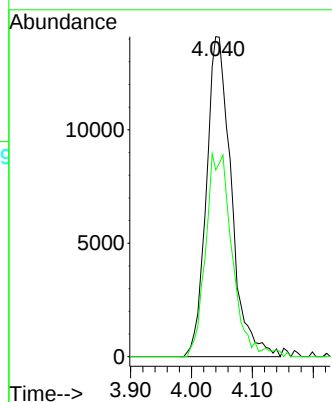
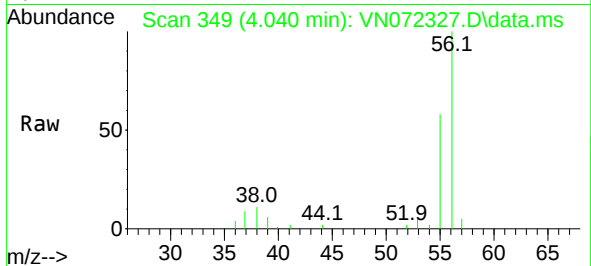




#13  
Acrolein  
Concen: 77.030 ug/l  
RT: 4.040 min Scan# 348  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

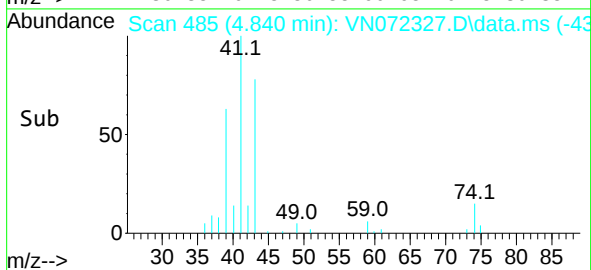
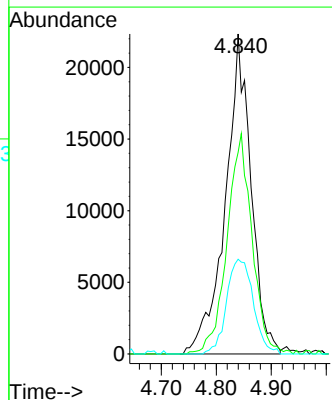
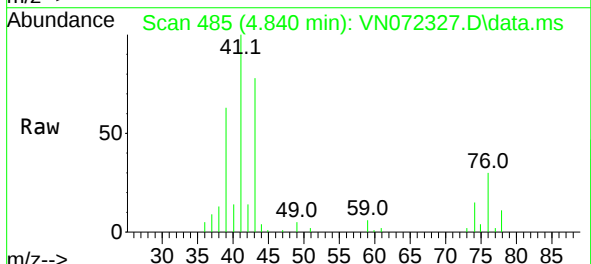
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

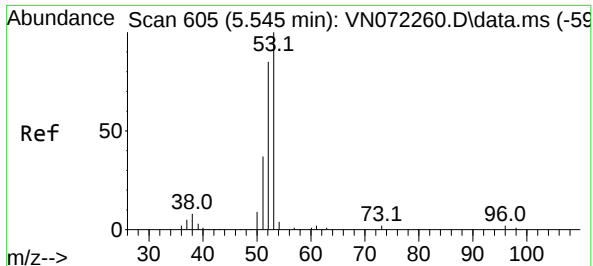
Tgt Ion: 56 Resp: 40042  
Ion Ratio Lower Upper  
56 100  
55 66.2 54.8 82.2



#14  
Allyl chloride  
Concen: 17.862 ug/l  
RT: 4.840 min Scan# 485  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 41 Resp: 72521  
Ion Ratio Lower Upper  
41 100  
39 67.2 53.2 79.8  
76 30.7 29.9 44.9

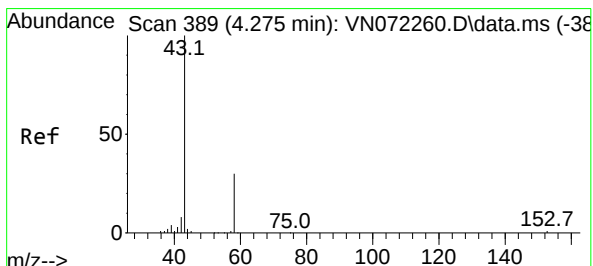
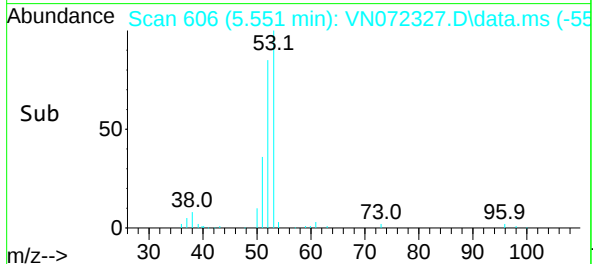
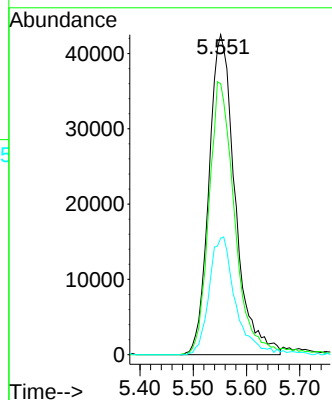
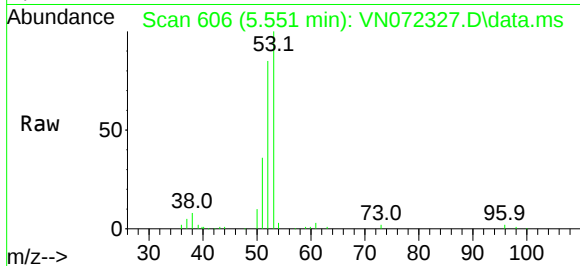




#15  
Acrylonitrile  
Concen: 92.761 ug/l  
RT: 5.551 min Scan# 605  
Delta R.T. 0.005 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

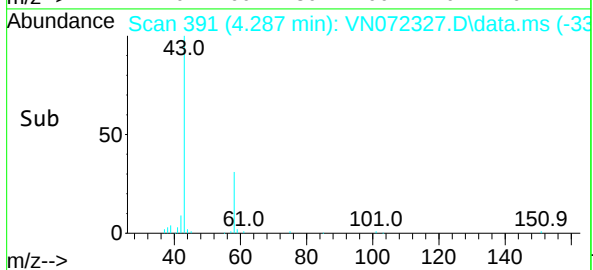
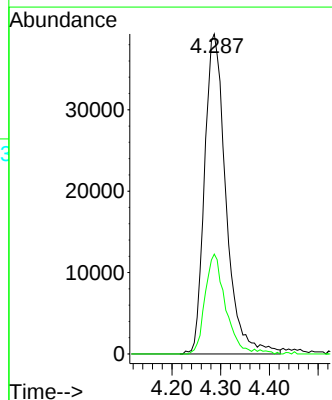
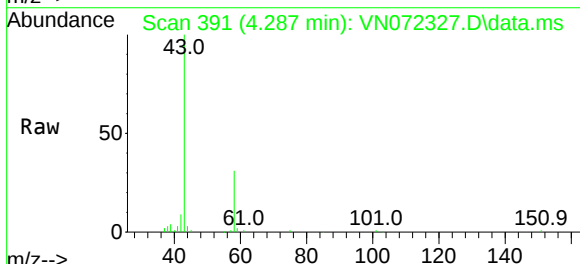
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

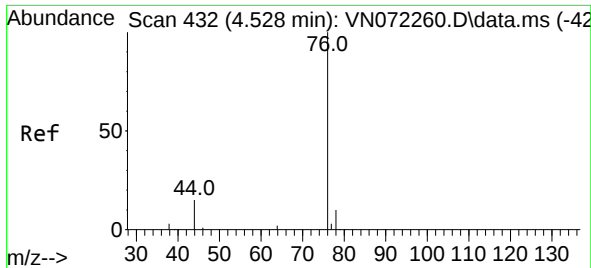
Tgt Ion: 53 Resp: 144590  
Ion Ratio Lower Upper  
53 100  
52 83.3 66.4 99.6  
51 37.1 28.5 42.7



#16  
Acetone  
Concen: 88.545 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 43 Resp: 119993  
Ion Ratio Lower Upper  
43 100  
58 31.2 26.0 39.0

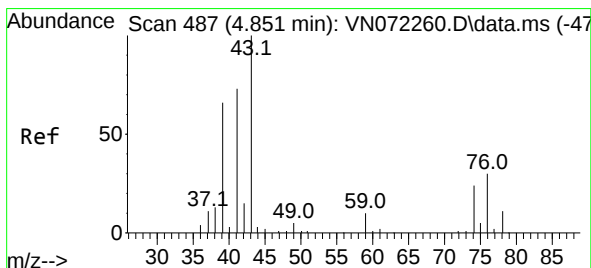
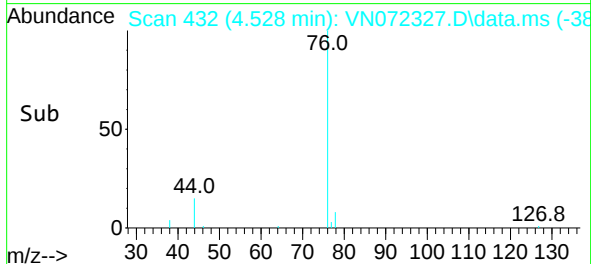
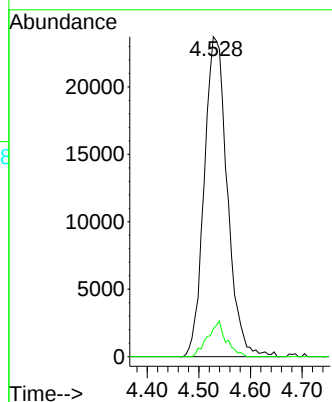
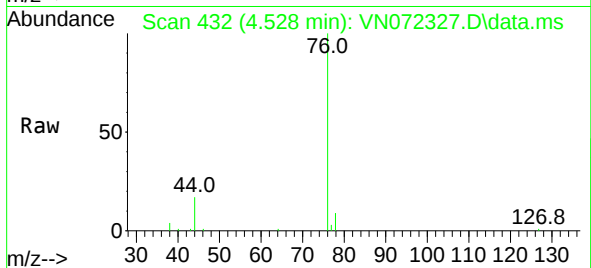




#17  
Carbon Disulfide  
Concen: 16.252 ug/l  
RT: 4.528 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

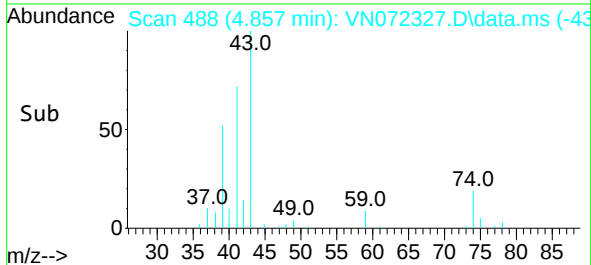
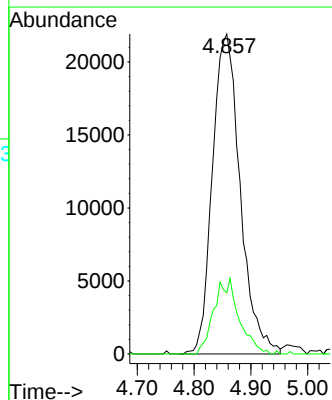
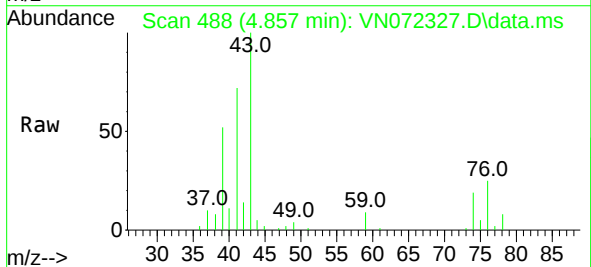
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

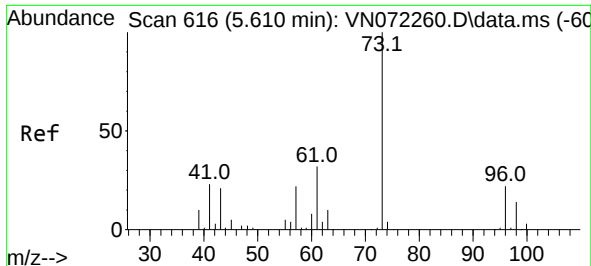
Tgt Ion: 76 Resp: 73635  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.2 10.8



#18  
Methyl Acetate  
Concen: 19.596 ug/l  
RT: 4.857 min Scan# 488  
Delta R.T. 0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 43 Resp: 74330  
Ion Ratio Lower Upper  
43 100  
74 21.3 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 18.776 ug/l

RT: 5.616 min Scan# 616

Delta R.T. 0.006 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

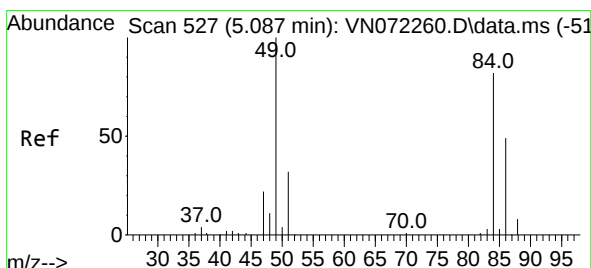
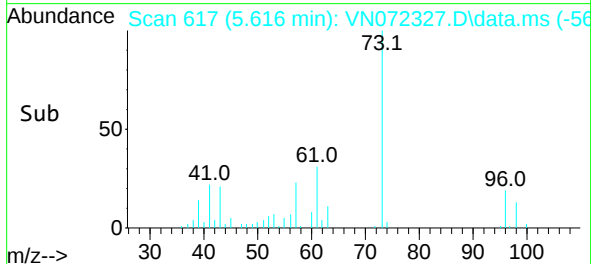
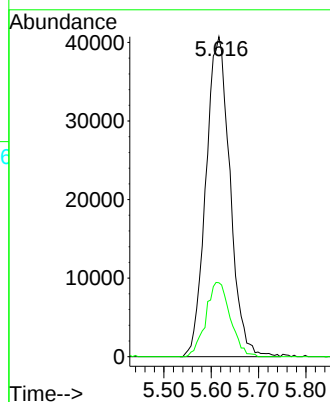
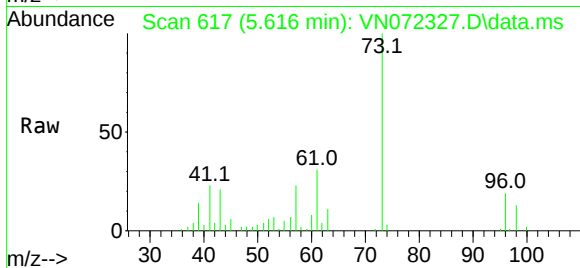
VN0504MBS01

Tgt Ion: 73 Resp: 143917

Ion Ratio Lower Upper

73 100

57 23.1 17.6 26.4



#20

Methylene Chloride

Concen: 18.287 ug/l

RT: 5.087 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Tgt Ion: 84 Resp: 47502

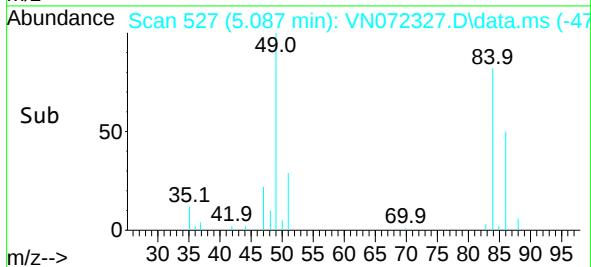
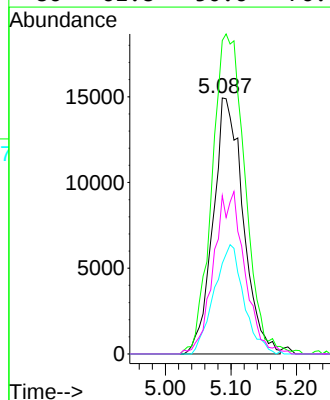
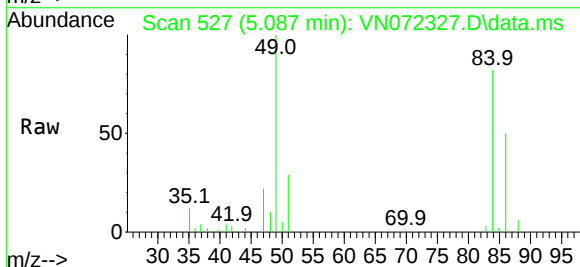
Ion Ratio Lower Upper

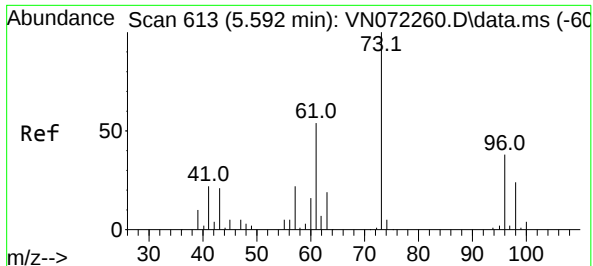
84 100

49 122.4 88.3 132.5

51 35.4 28.2 42.2

86 61.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 18.038 ug/l

RT: 5.593 min Scan# 613

Delta R.T. -0.005 min

Lab File: VN072327.D

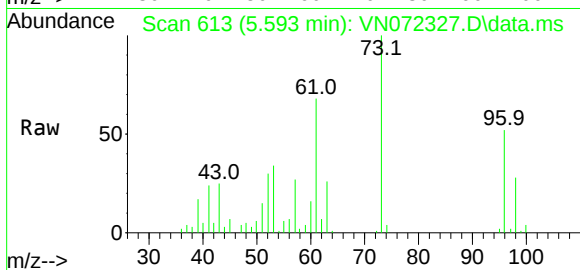
Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0504MBS01



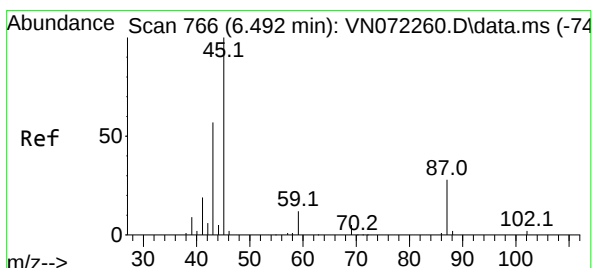
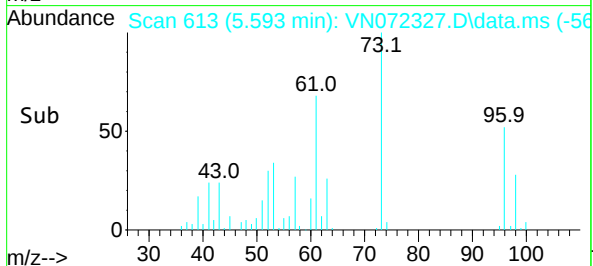
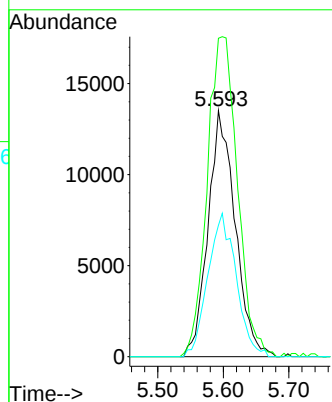
Tgt Ion: 96 Resp: 38895

Ion Ratio Lower Upper

96 100

61 129.4 105.8 158.8

98 53.4 50.3 75.5



#22

Diisopropyl ether

Concen: 20.615 ug/l

RT: 6.498 min Scan# 767

Delta R.T. 0.011 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Tgt Ion: 45 Resp: 172397

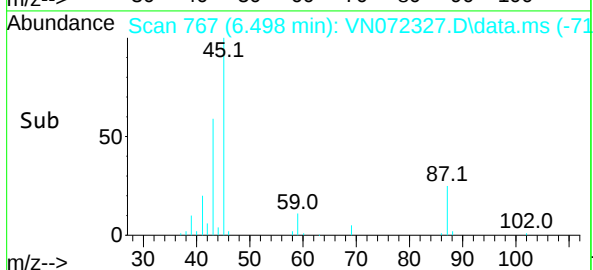
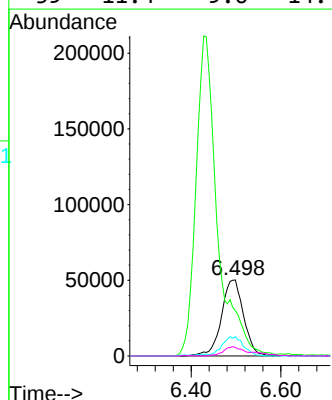
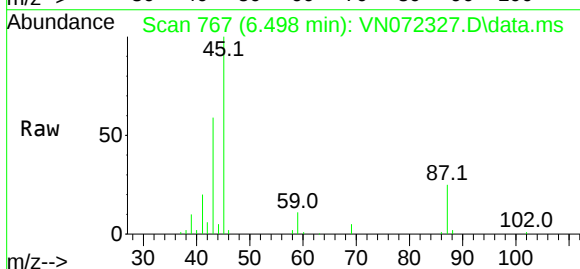
Ion Ratio Lower Upper

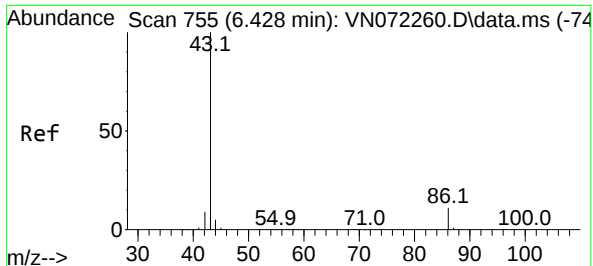
45 100

43 56.5 46.6 70.0

87 25.5 24.3 36.5

59 11.4 9.6 14.4

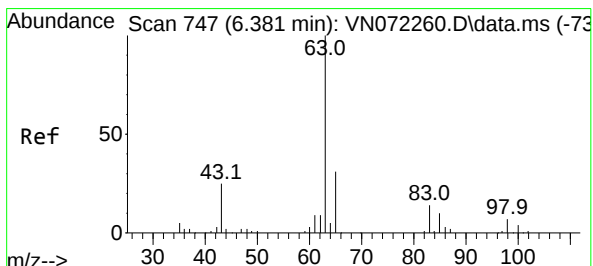
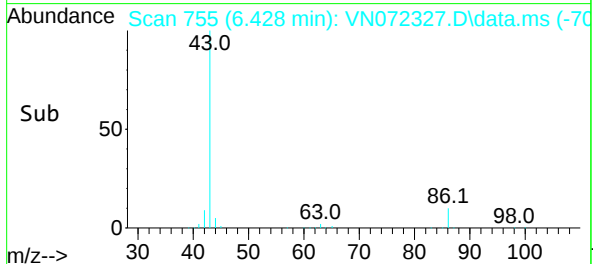
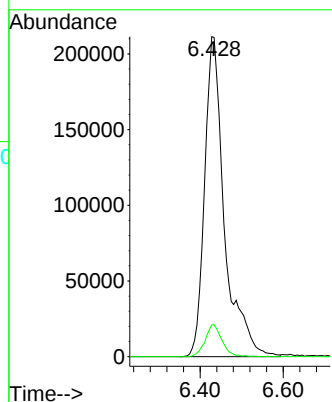
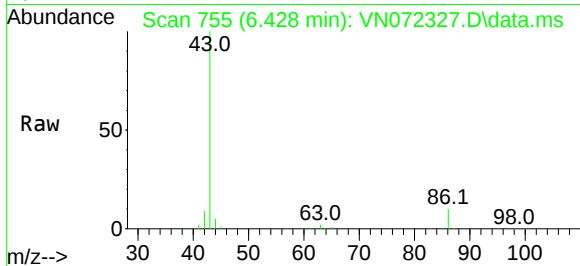




#23  
 Vinyl Acetate  
 Concen: 99.928 ug/l  
 RT: 6.428 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

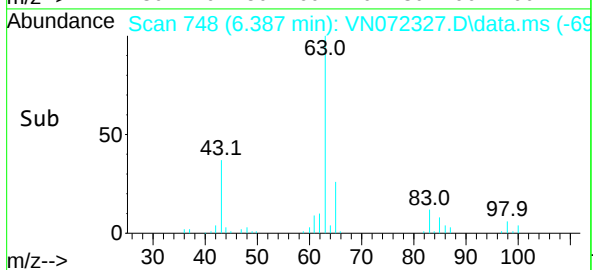
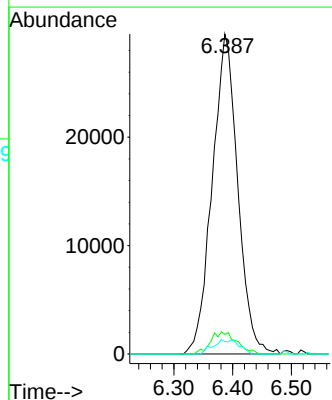
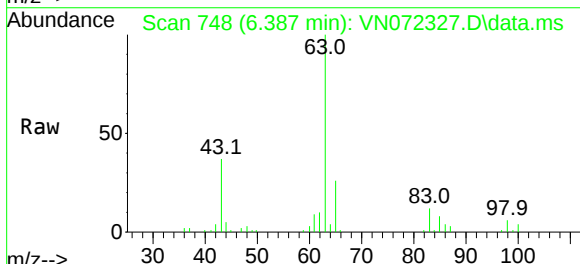
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0504MBS01

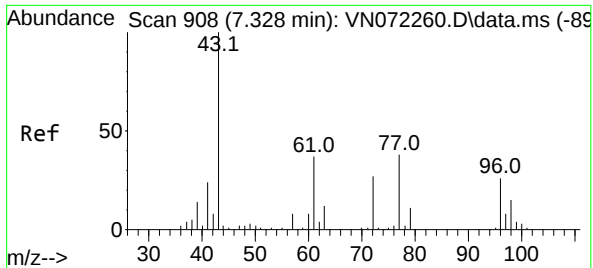
Tgt Ion: 43 Resp: 701847  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 10.0 15.0#



#24  
 1,1-Dichloroethane  
 Concen: 19.008 ug/l  
 RT: 6.387 min Scan# 748  
 Delta R.T. -0.000 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

Tgt Ion: 63 Resp: 88914  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.5 10.4  
 100 3.8 2.3 6.8

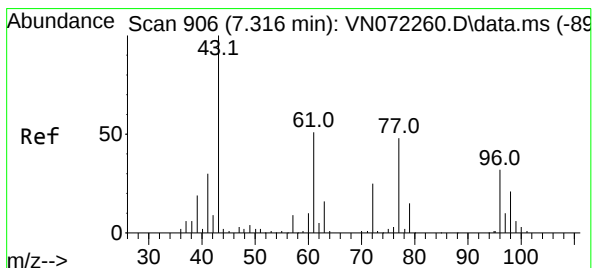
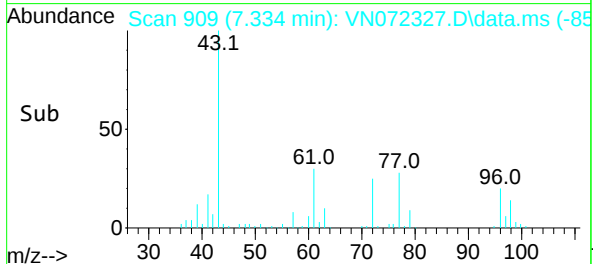
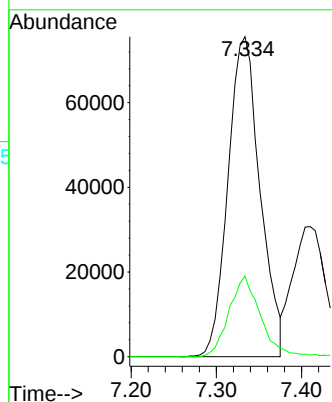
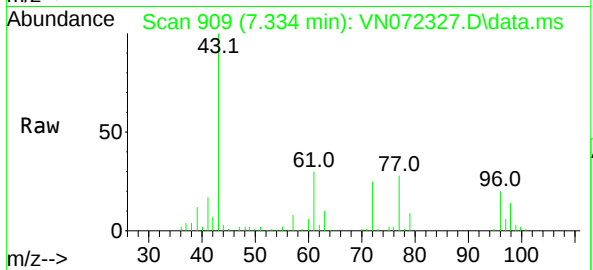




#25  
2-Butanone  
Concen: 91.529 ug/l  
RT: 7.334 min Scan# 909  
Delta R.T. 0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

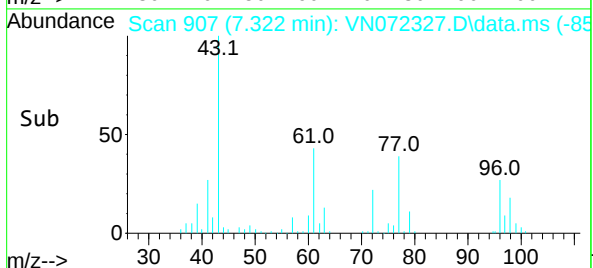
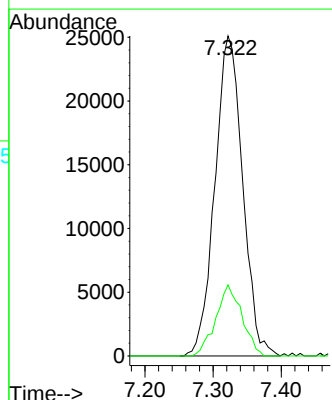
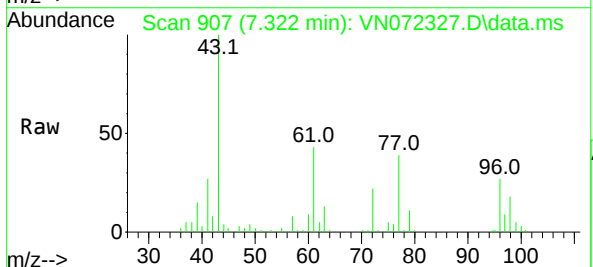
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

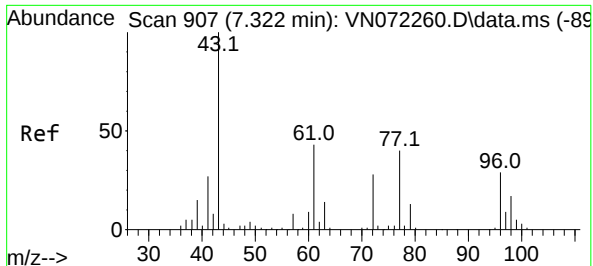
Tgt Ion: 43 Resp: 197537  
Ion Ratio Lower Upper  
43 100  
72 25.1 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 19.453 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 77 Resp: 71082  
Ion Ratio Lower Upper  
77 100  
97 20.9 11.4 34.2

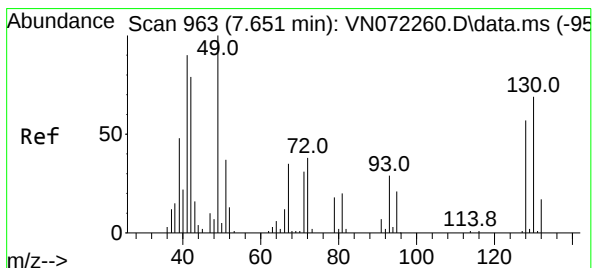
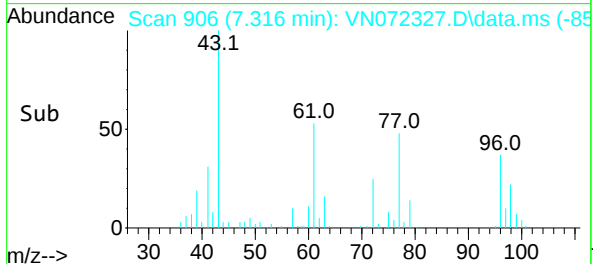
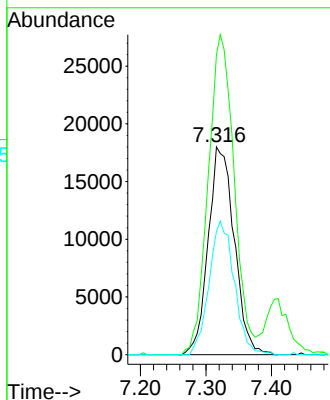
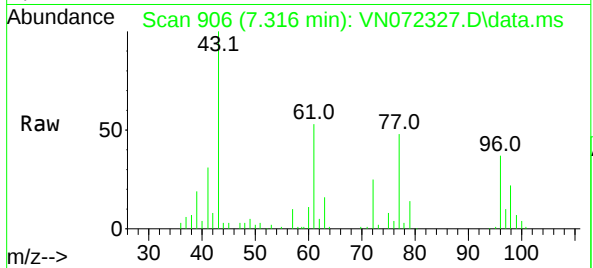




#27  
 cis-1,2-Dichloroethene  
 Concen: 18.914 ug/l  
 RT: 7.316 min Scan# 907  
 Delta R.T. -0.006 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

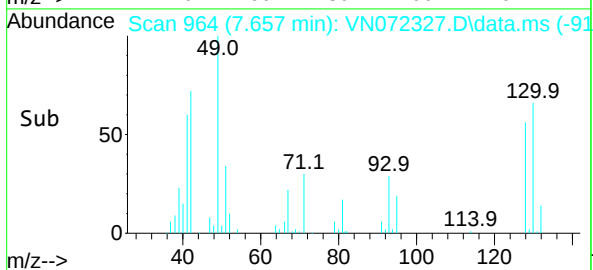
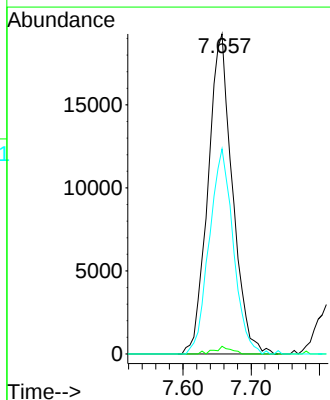
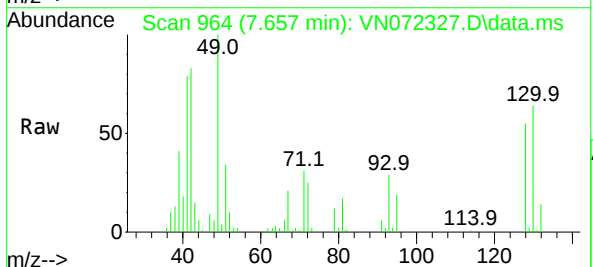
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0504MBS01

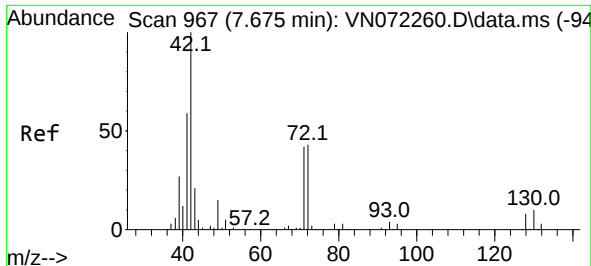
Tgt Ion: 96 Resp: 49718  
 Ion Ratio Lower Upper  
 96 100  
 61 153.1 0.0 280.6  
 98 62.1 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 22.920 ug/l  
 RT: 7.657 min Scan# 964  
 Delta R.T. 0.000 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

Tgt Ion: 49 Resp: 48008  
 Ion Ratio Lower Upper  
 49 100  
 129 1.6 0.0 4.6  
 130 63.2 69.7 104.5#





#29

Tetrahydrofuran

Concen: 95.019 ug/l

RT: 7.687 min Scan# 9

Delta R.T. 0.006 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0504MBS01

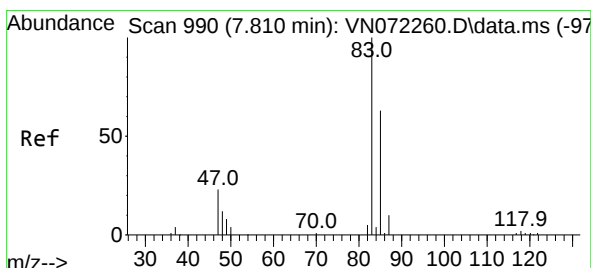
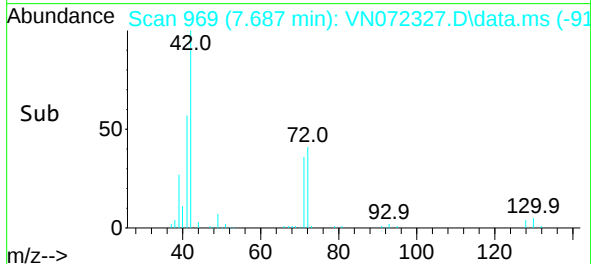
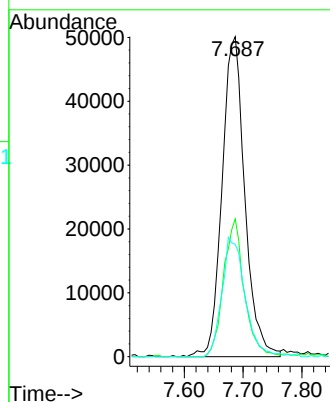
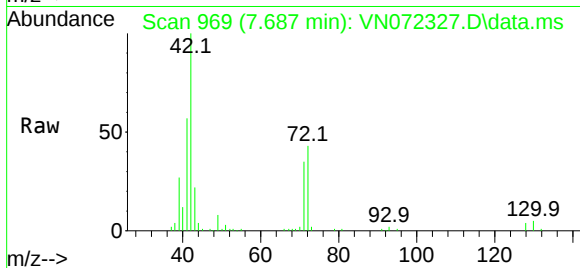
Tgt Ion: 42 Resp: 134580

Ion Ratio Lower Upper

42 100

72 39.0 39.7 59.5#

71 37.9 36.6 55.0



#30

Chloroform

Concen: 19.288 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072327.D

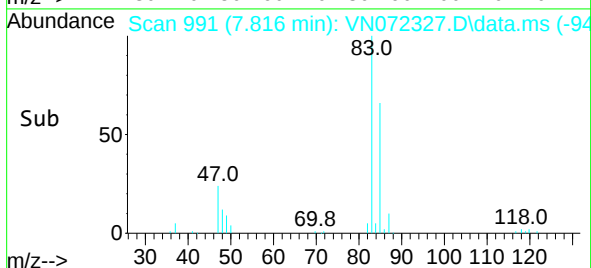
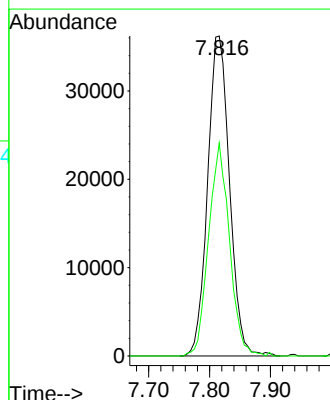
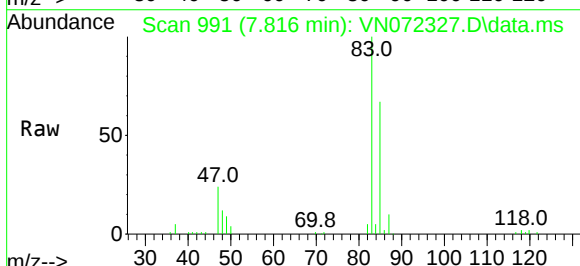
Acq: 04 May 2022 14:50

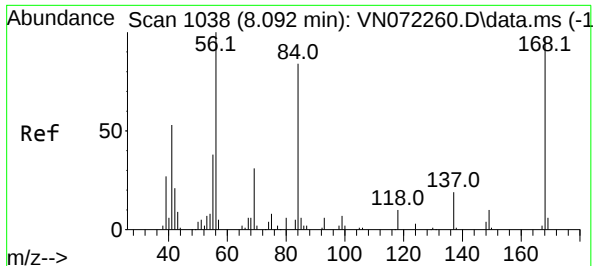
Tgt Ion: 83 Resp: 90592

Ion Ratio Lower Upper

83 100

85 66.5 51.8 77.8

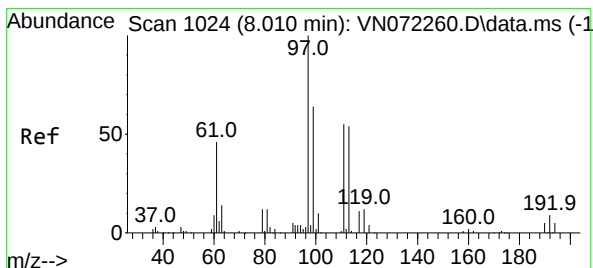
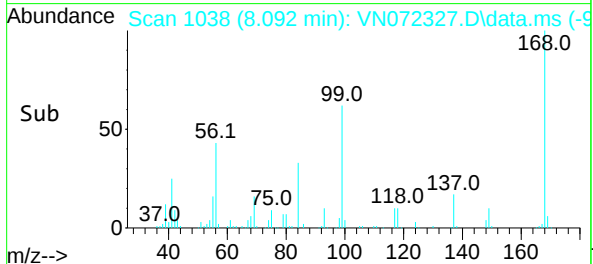
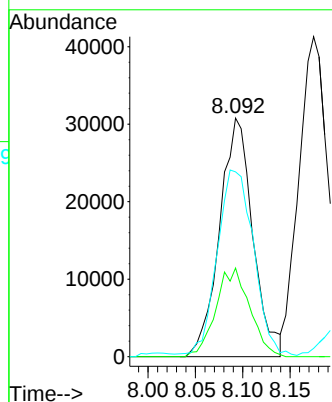
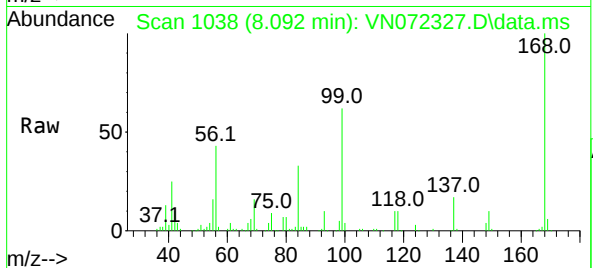




#31  
Cyclohexane  
Concen: 17.823 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

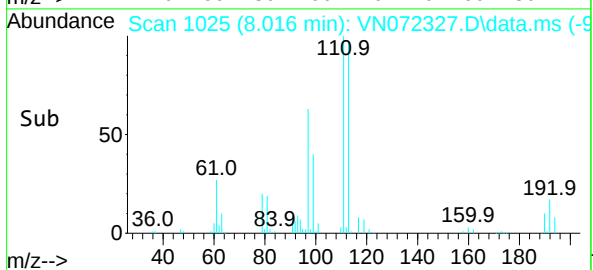
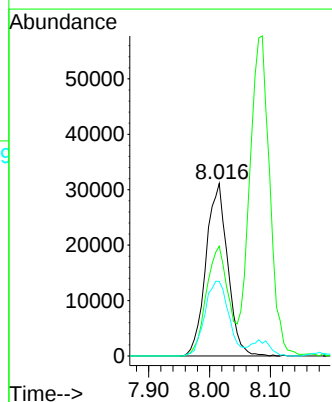
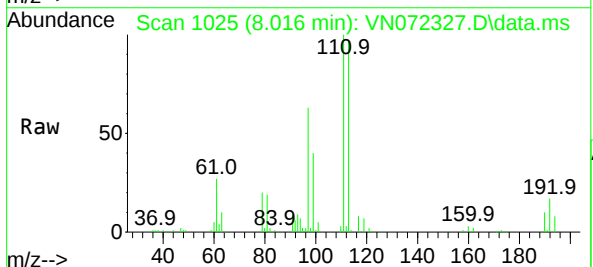
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

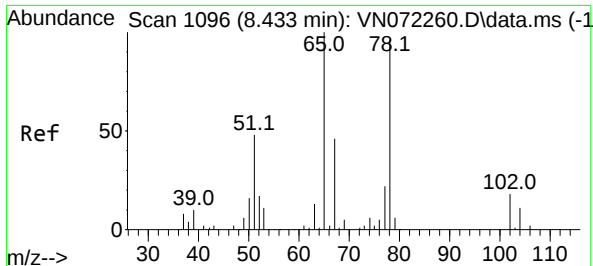
Tgt Ion: 56 Resp: 74854  
Ion Ratio Lower Upper  
56 100  
69 37.2 27.8 41.8  
84 76.3 76.9 115.3#



#32  
1,1,1-Trichloroethane  
Concen: 19.288 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. 0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 97 Resp: 77092  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.6 76.0  
61 48.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.136 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

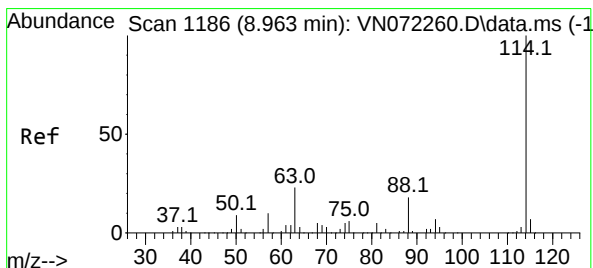
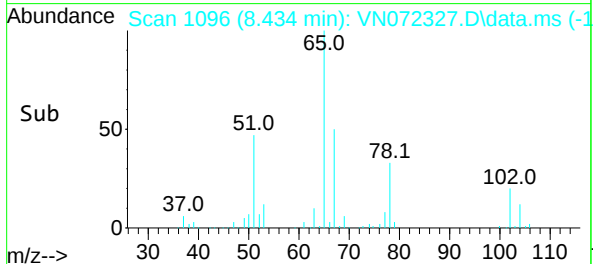
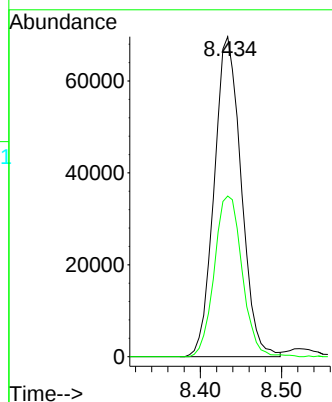
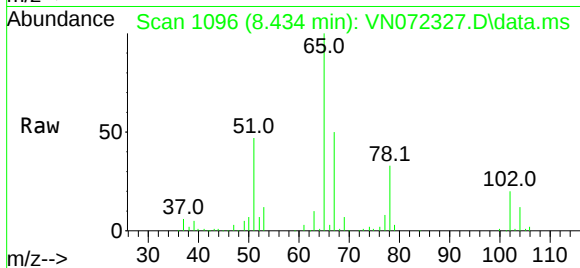
VN0504MBS01

Tgt Ion: 65 Resp: 160730

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

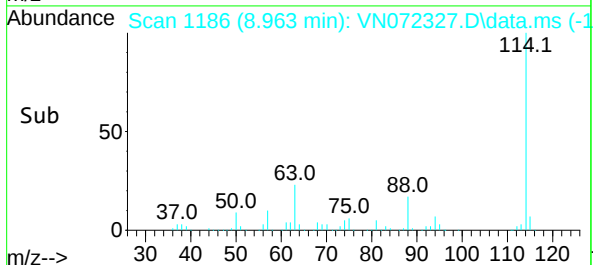
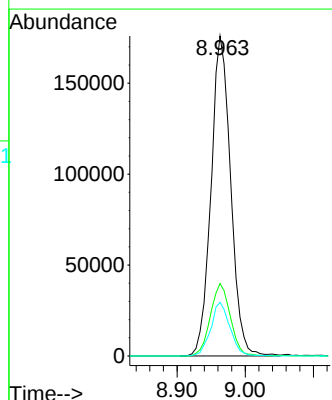
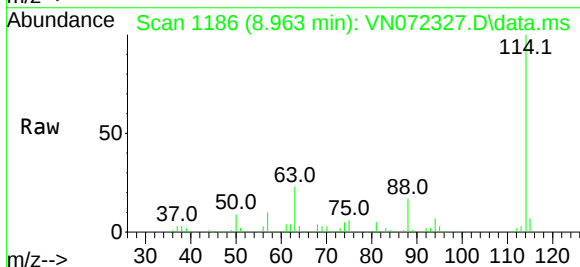
Tgt Ion: 114 Resp: 353555

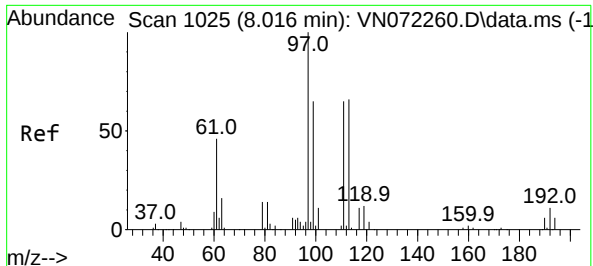
Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.153 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0504MBS01

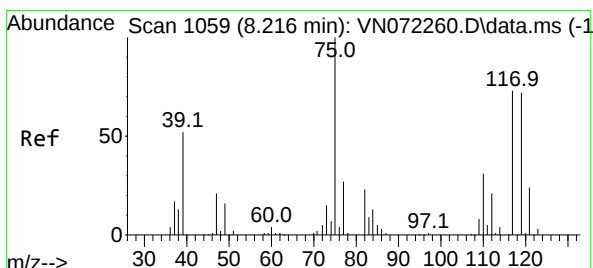
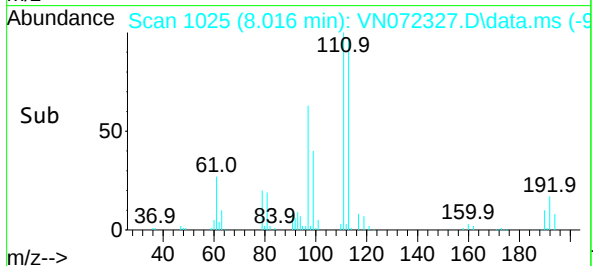
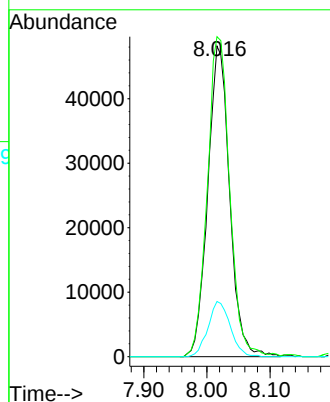
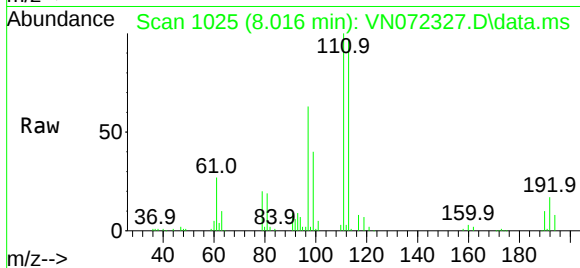
Tgt Ion:113 Resp: 115756

Ion Ratio Lower Upper

113 100

111 105.6 81.4 122.0

192 18.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 17.990 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

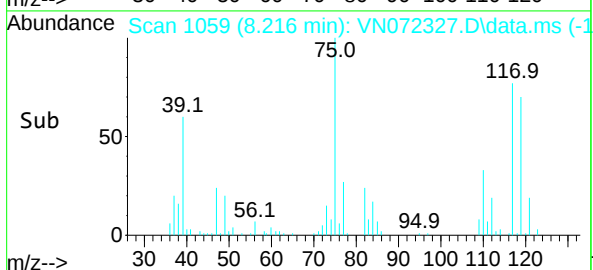
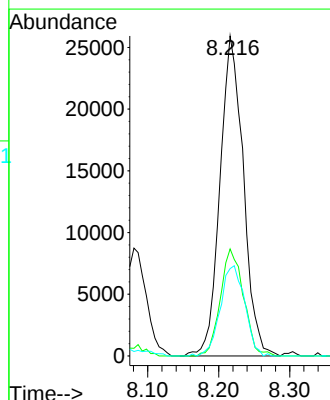
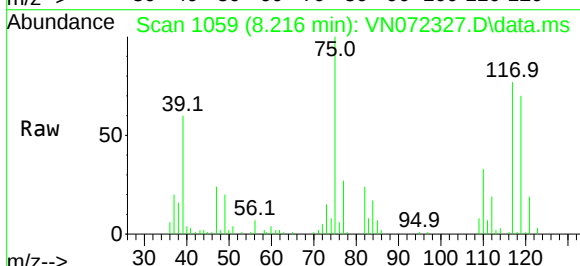
Tgt Ion: 75 Resp: 59258

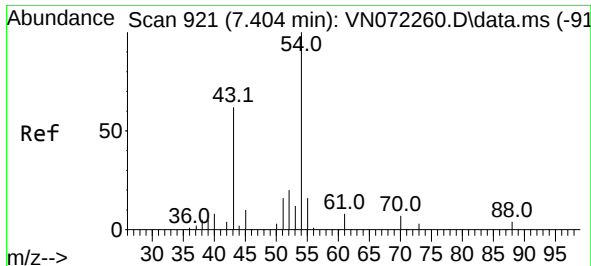
Ion Ratio Lower Upper

75 100

110 33.1 18.3 54.8

77 29.4 25.1 37.7

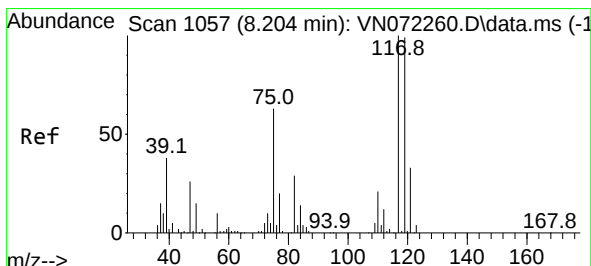
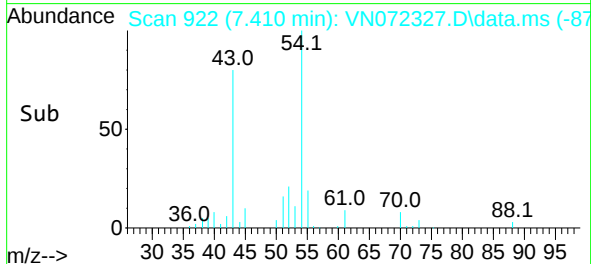
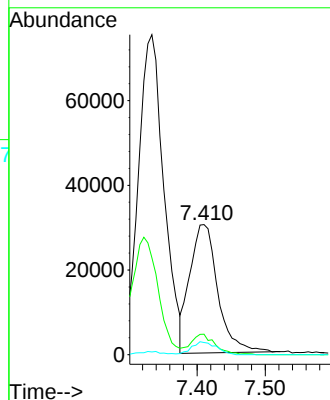
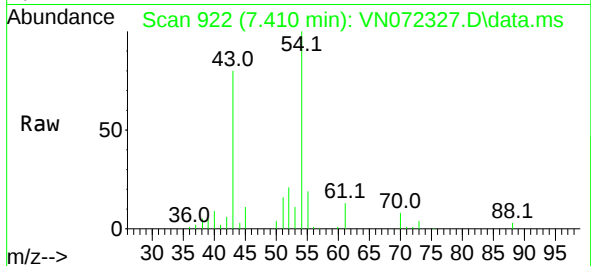




#37  
Ethyl Acetate  
Concen: 19.779 ug/l  
RT: 7.410 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

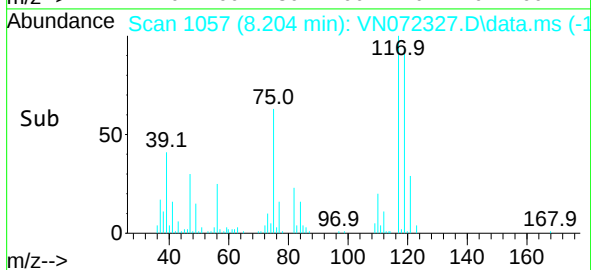
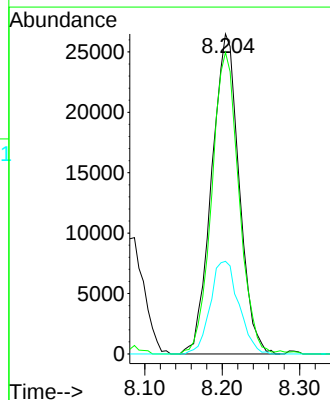
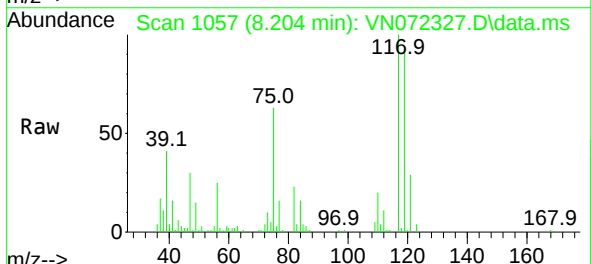
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

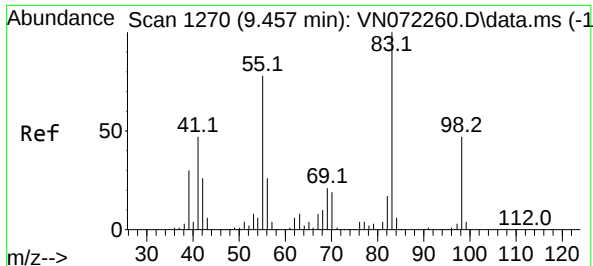
Tgt Ion: 43 Resp: 86518  
Ion Ratio Lower Upper  
43 100  
61 14.1 11.8 17.6  
70 8.8 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 18.503 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 117 Resp: 65277  
Ion Ratio Lower Upper  
117 100  
119 94.3 75.8 113.8  
121 28.9 24.6 37.0





#39

Methylcyclohexane

Concen: 16.663 ug/l

RT: 9.457 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0504MBS01

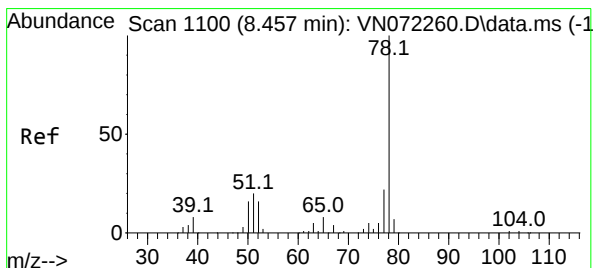
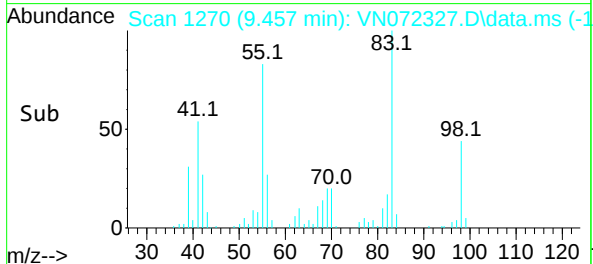
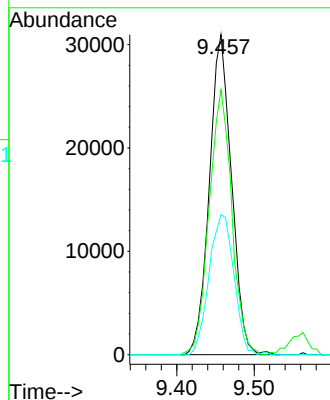
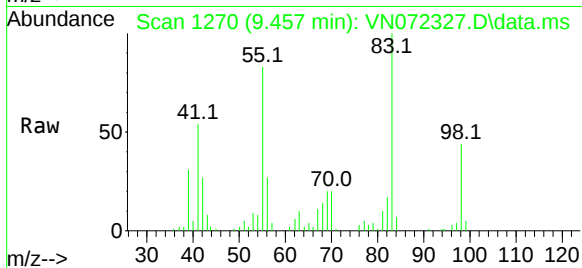
Tgt Ion: 83 Resp: 61386

Ion Ratio Lower Upper

83 100

55 82.8 57.8 86.8

98 43.9 39.4 59.2



#40

Benzene

Concen: 18.540 ug/l

RT: 8.463 min Scan# 1101

Delta R.T. 0.006 min

Lab File: VN072327.D

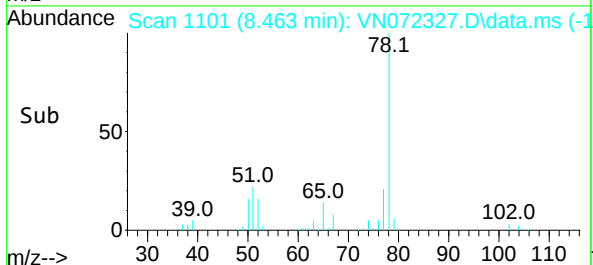
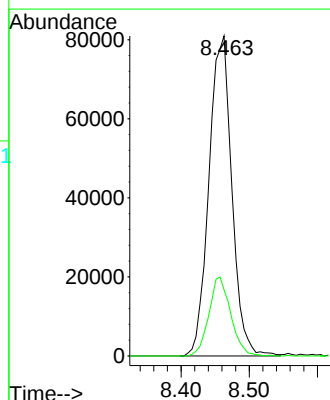
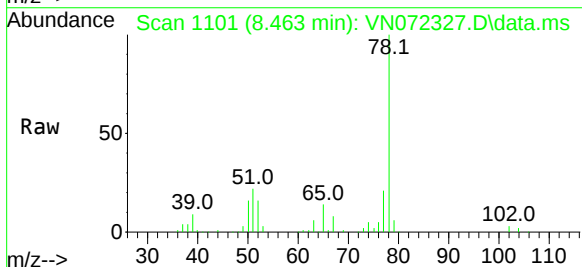
Acq: 04 May 2022 14:50

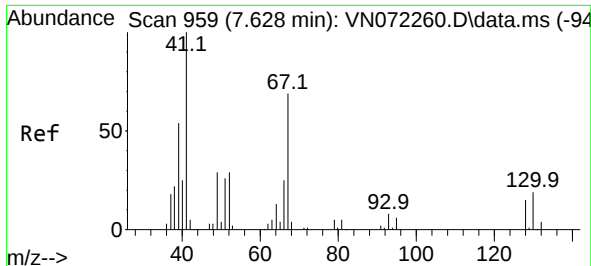
Tgt Ion: 78 Resp: 189427

Ion Ratio Lower Upper

78 100

77 20.7 19.4 29.0

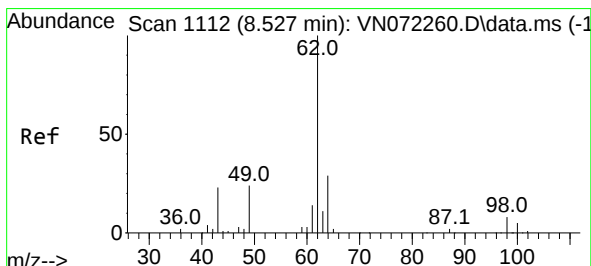
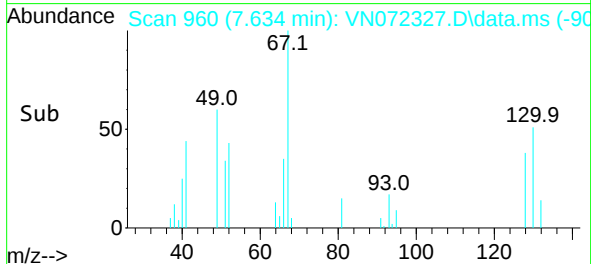
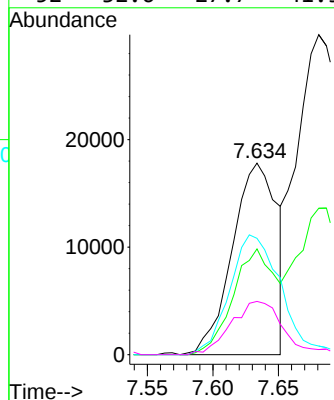
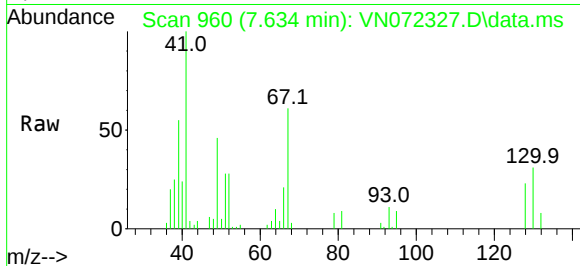




#41  
Methacrylonitrile  
Concen: 19.073 ug/l  
RT: 7.634 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

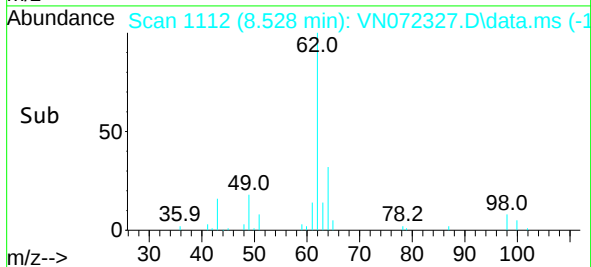
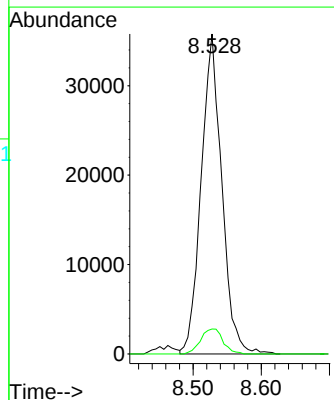
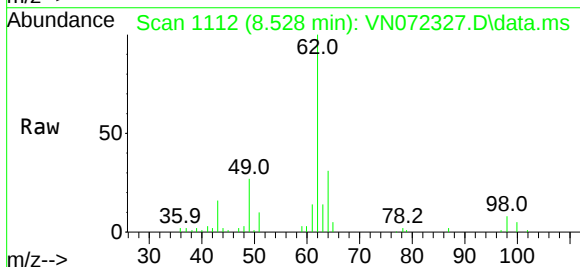
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

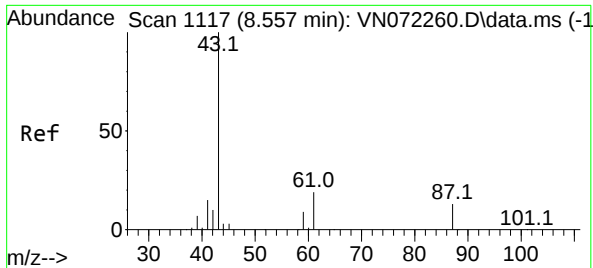
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 42207  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 52.5  | 48.6  | 73.0   |
| 67       | 71.9  | 73.4  | 110.2# |
| 52       | 32.6  | 27.7  | 41.5   |



#42  
1,2-Dichloroethane  
Concen: 19.266 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 75357 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.5   | 0.0   | 19.4  |

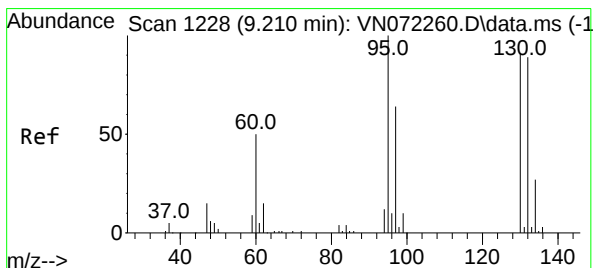
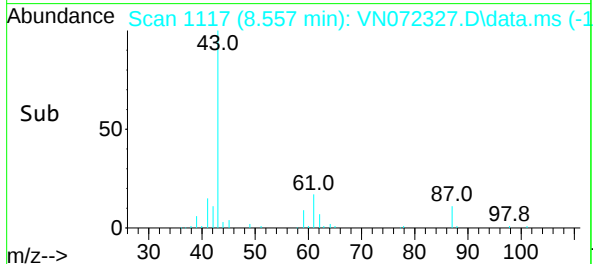
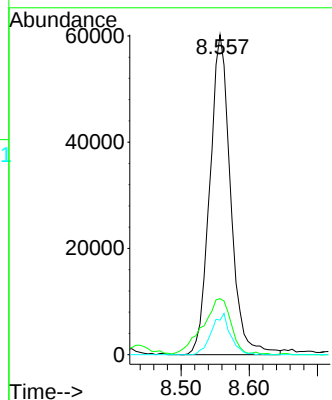
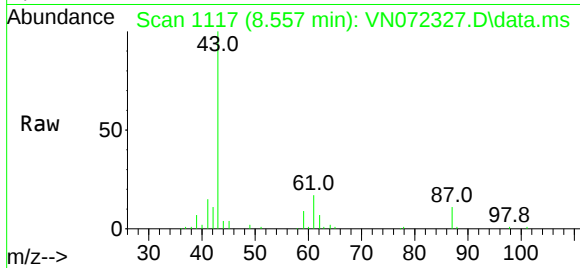




#43  
Isopropyl Acetate  
Concen: 19.090 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

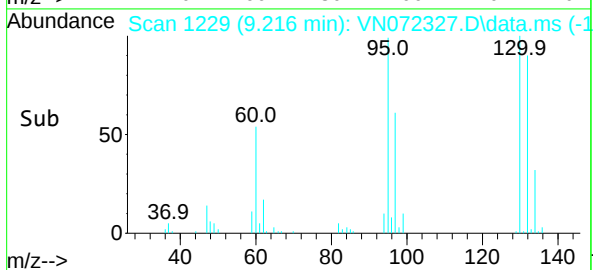
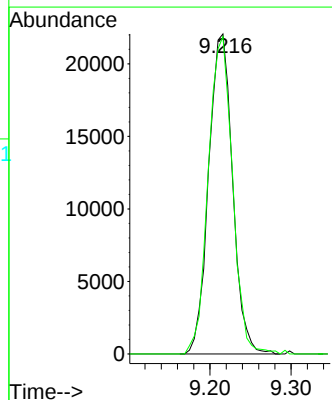
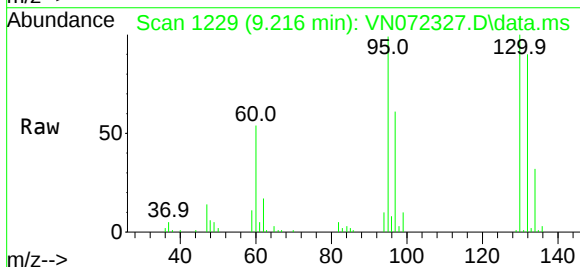
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

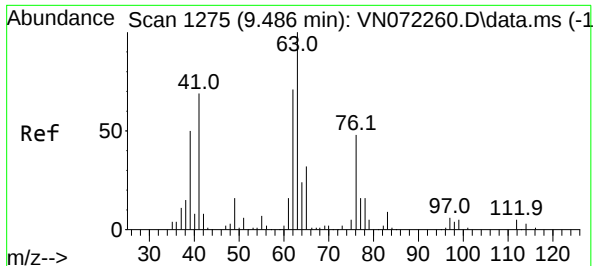
Tgt Ion: 43 Resp: 127657  
Ion Ratio Lower Upper  
43 100  
61 23.0 21.9 32.9  
87 11.7 12.0 18.0#



#44  
Trichloroethene  
Concen: 19.008 ug/l  
RT: 9.216 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion:130 Resp: 45177  
Ion Ratio Lower Upper  
130 100  
95 99.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 18.800 ug/l

RT: 9.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

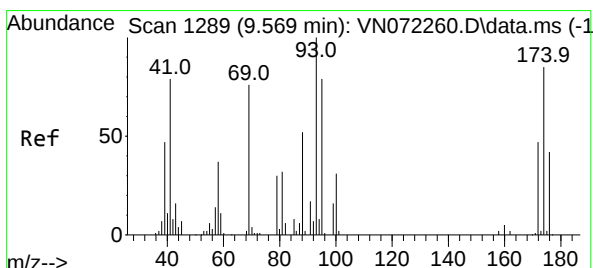
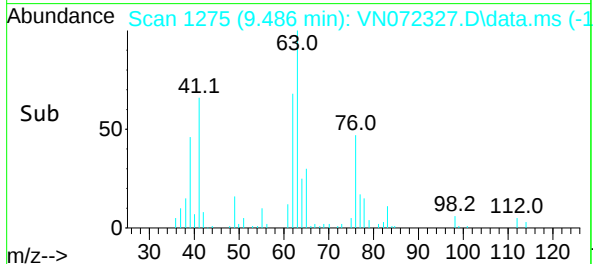
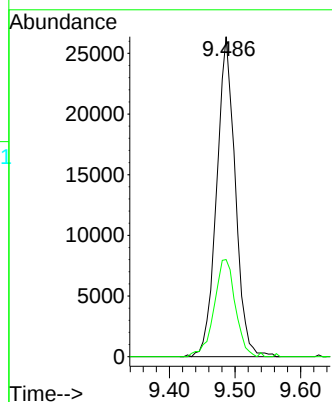
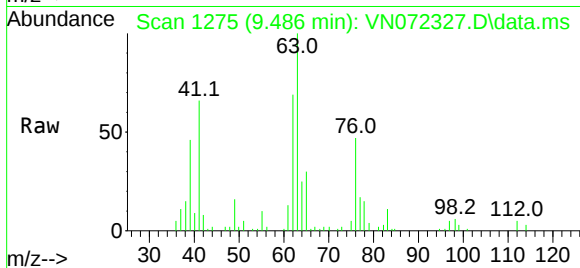
VN0504MBS01

Tgt Ion: 63 Resp: 51902

Ion Ratio Lower Upper

63 100

65 30.4 24.9 37.3



#46

Dibromomethane

Concen: 19.187 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

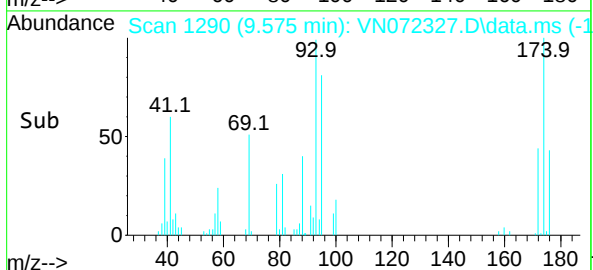
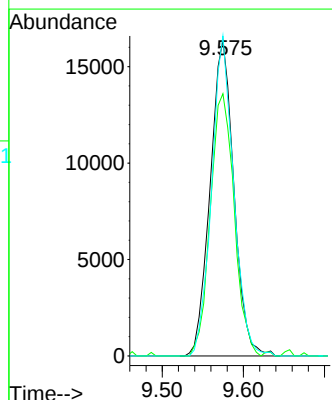
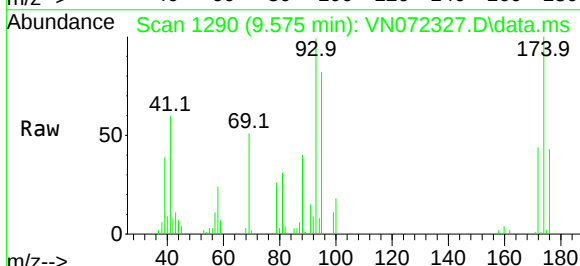
Tgt Ion: 93 Resp: 33184

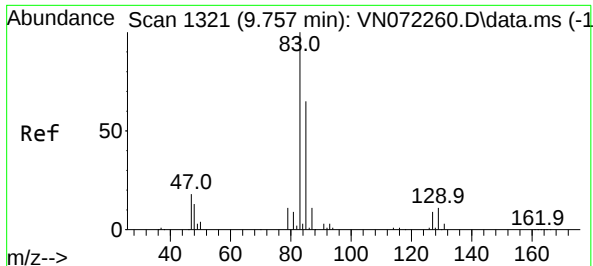
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 94.3 86.6 130.0

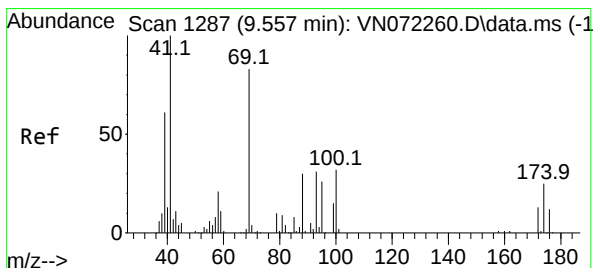
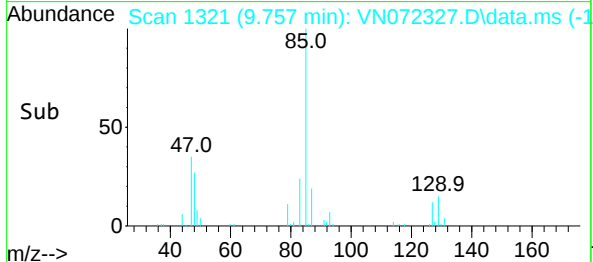
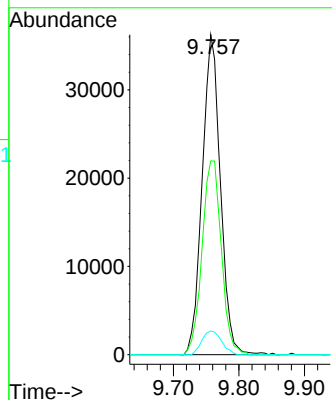
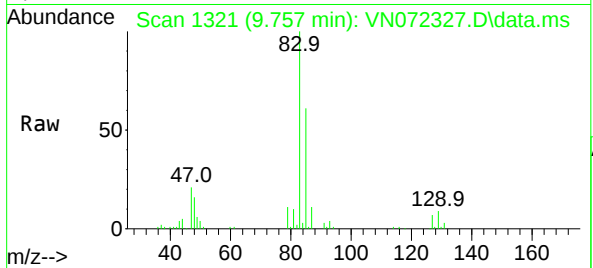




#47  
Bromodichloromethane  
Concen: 19.339 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

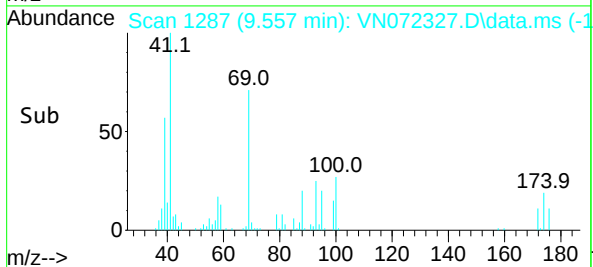
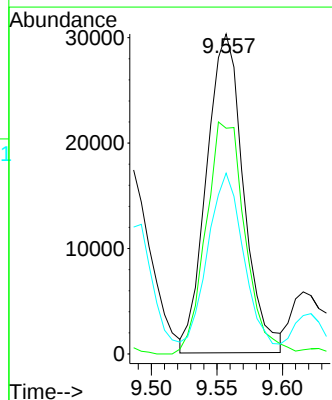
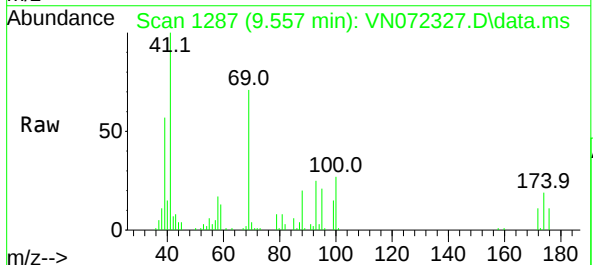
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

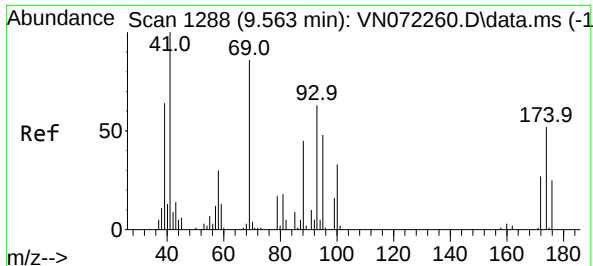
Tgt Ion: 83 Resp: 70179  
Ion Ratio Lower Upper  
83 100  
85 60.6 50.5 75.7  
127 7.4 6.8 10.2



#48  
Methyl methacrylate  
Concen: 20.585 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 41 Resp: 59479  
Ion Ratio Lower Upper  
41 100  
69 76.7 74.7 112.1  
39 56.3 45.6 68.4





#49

1,4-Dioxane

Concen: 317.768 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0504MBS01

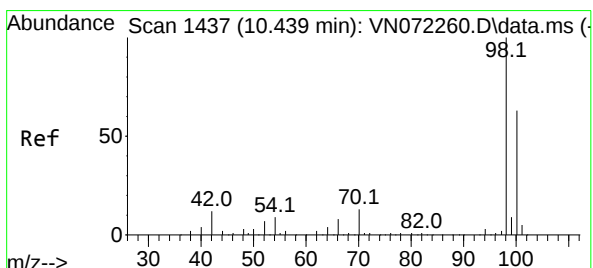
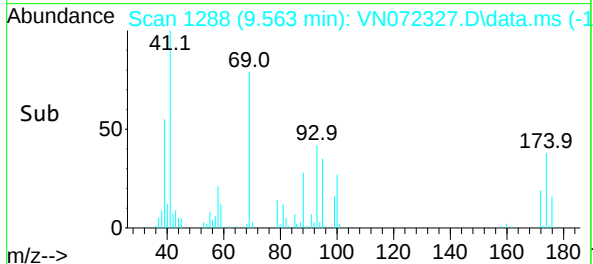
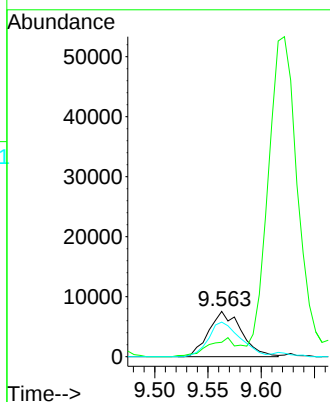
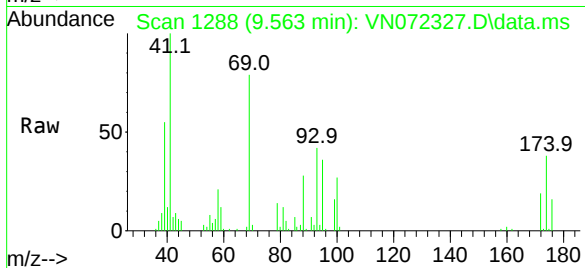
Tgt Ion: 88 Resp: 16129

Ion Ratio Lower Upper

88 100

43 39.6 20.2 30.4#

58 73.8 54.2 81.4



#50

Toluene-d8

Concen: 50.947 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072327.D

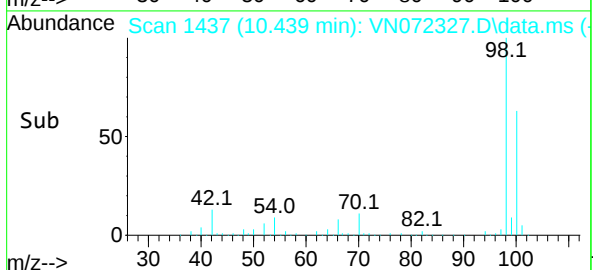
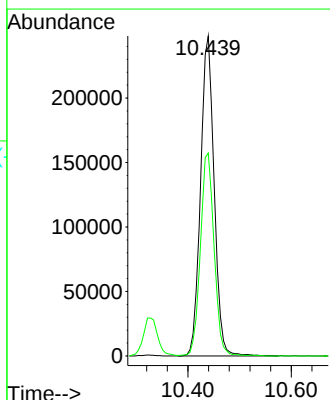
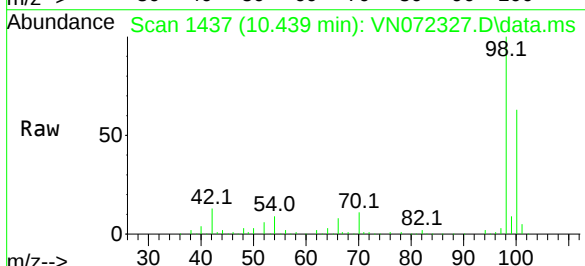
Acq: 04 May 2022 14:50

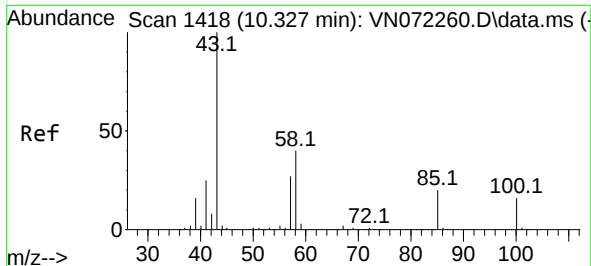
Tgt Ion: 98 Resp: 453020

Ion Ratio Lower Upper

98 100

100 63.5 52.6 78.8

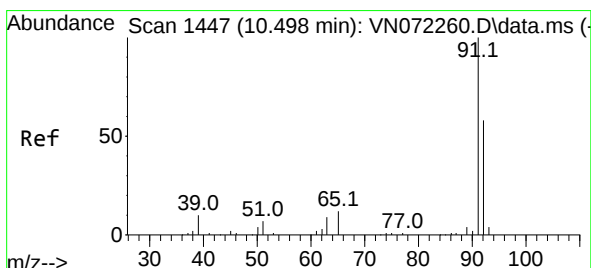
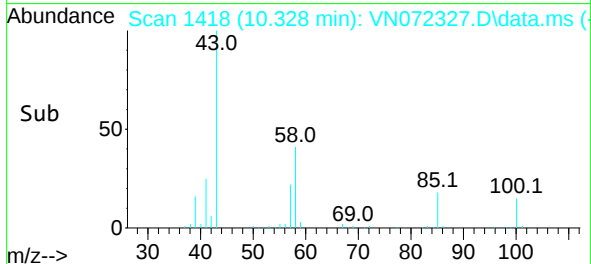
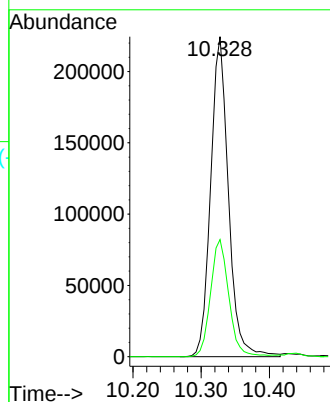
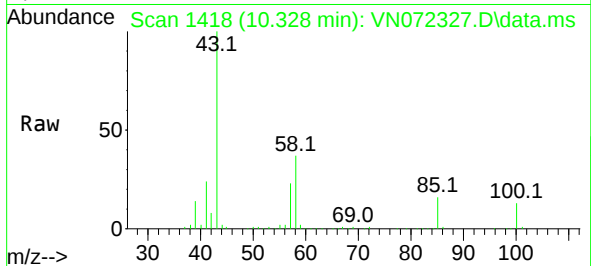




#51  
4-Methyl-2-Pentanone  
Concen: 98.710 ug/l  
RT: 10.328 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

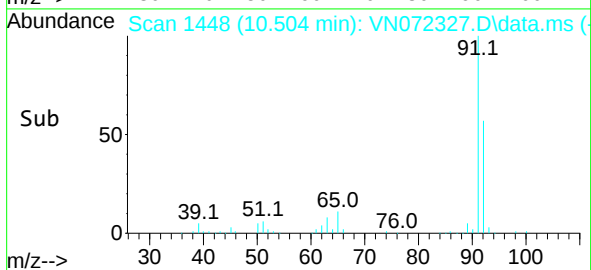
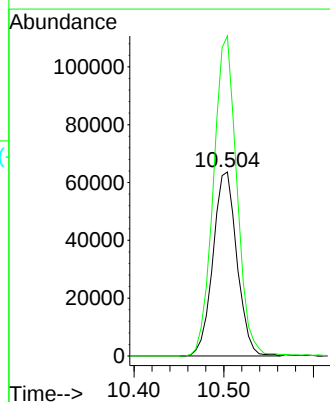
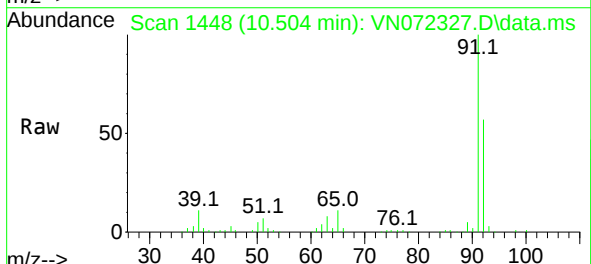
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

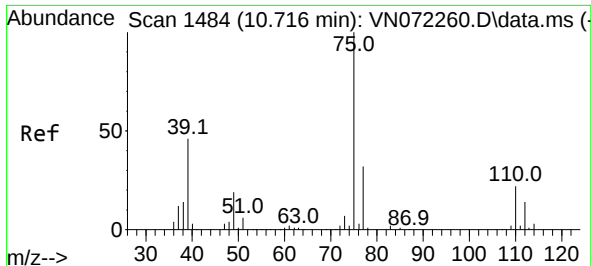
Tgt Ion: 43 Resp: 407406  
Ion Ratio Lower Upper  
43 100  
58 37.6 34.1 51.1



#52  
Toluene  
Concen: 19.264 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 92 Resp: 117663  
Ion Ratio Lower Upper  
92 100  
91 171.0 138.6 207.8

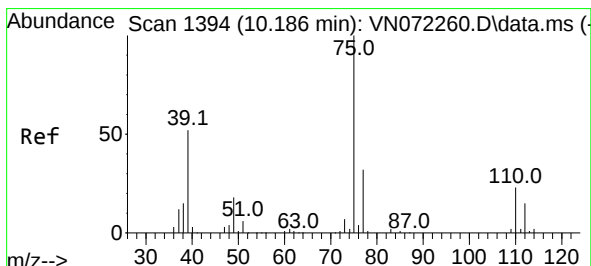
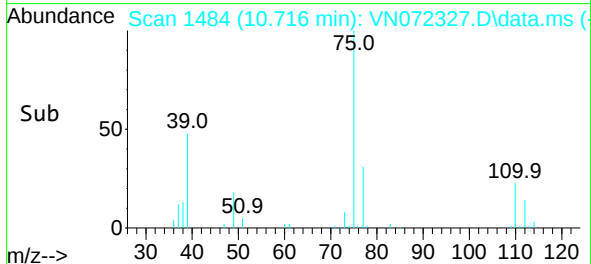
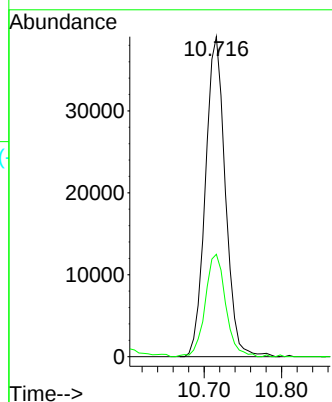
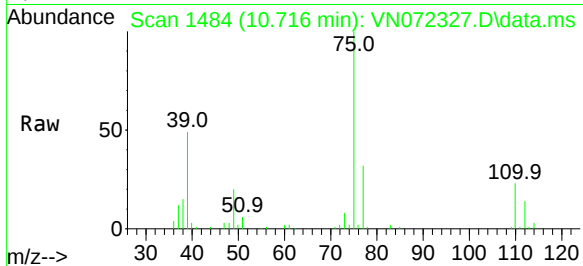




#53  
t-1,3-Dichloropropene  
Concen: 19.064 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

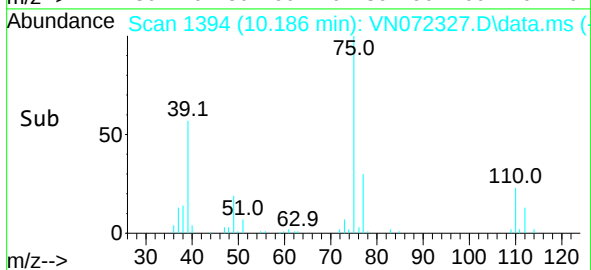
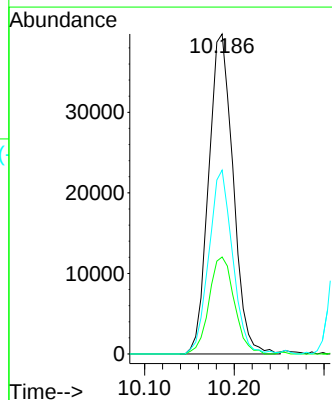
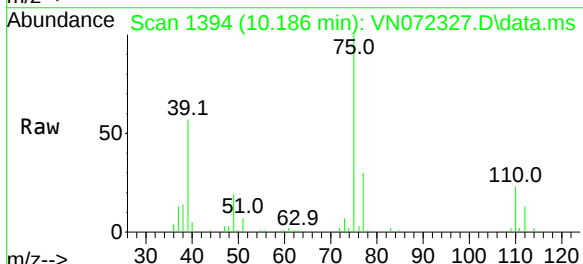
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

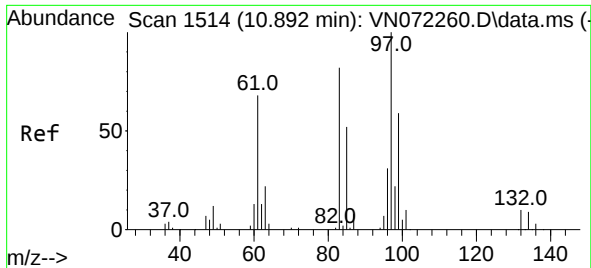
Tgt Ion: 75 Resp: 69543  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 19.075 ug/l  
RT: 10.186 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 75 Resp: 75253  
Ion Ratio Lower Upper  
75 100  
77 30.3 25.2 37.8  
39 57.5 35.7 53.5#

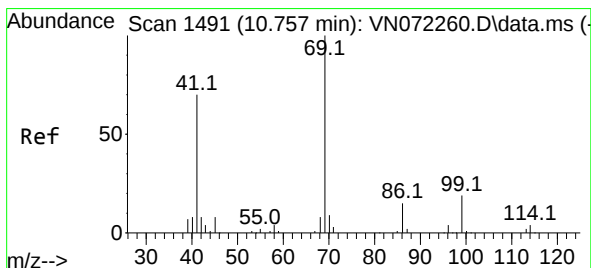
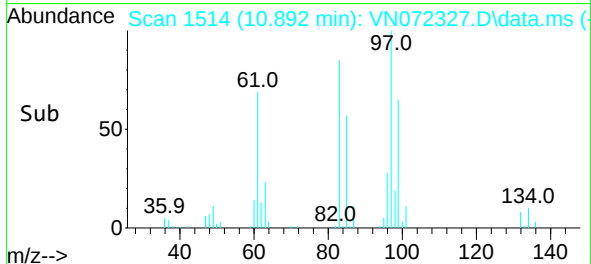
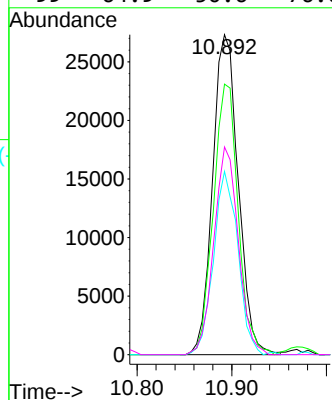
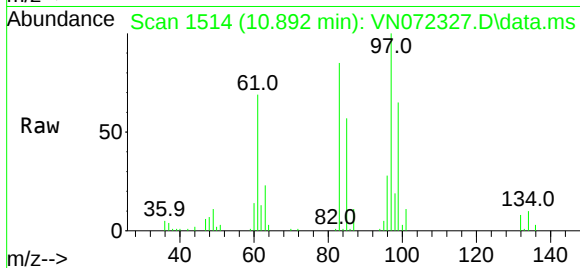




#55  
1,1,2-Trichloroethane  
Concen: 20.040 ug/l  
RT: 10.892 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

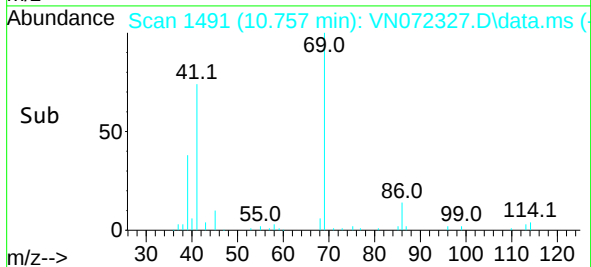
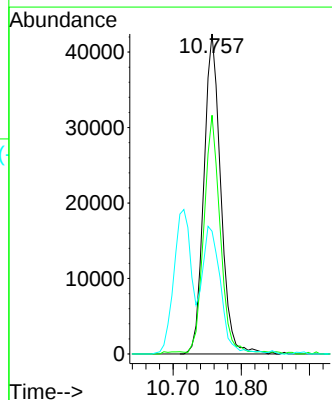
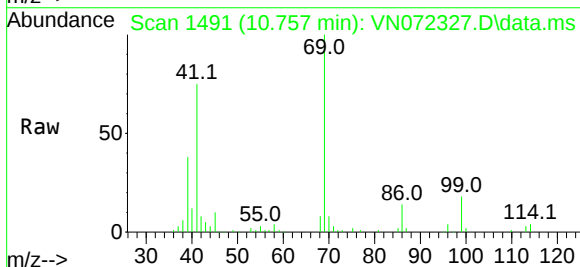
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

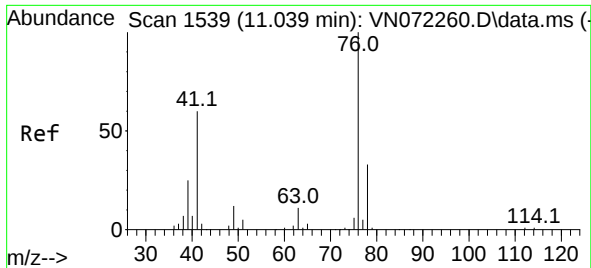
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 51323 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.6  | 66.2  | 99.4  |
| 85       | 57.2  | 43.9  | 65.9  |
| 99       | 64.9  | 50.6  | 76.0  |



#56  
Ethyl methacrylate  
Concen: 17.890 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 73088 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 70.2  | 47.8  | 71.6  |
| 39       | 42.4  | 27.3  | 40.9  |





#57

1,3-Dichloropropane

Concen: 19.661 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

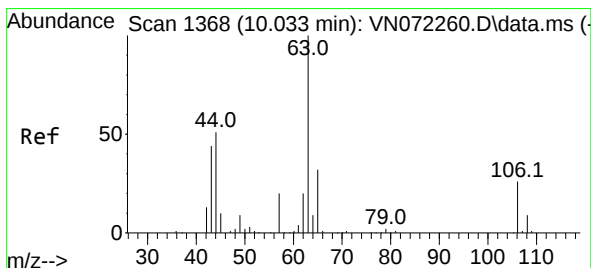
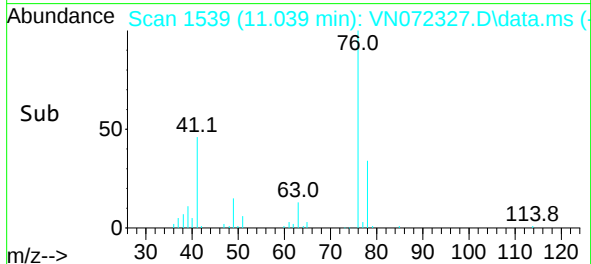
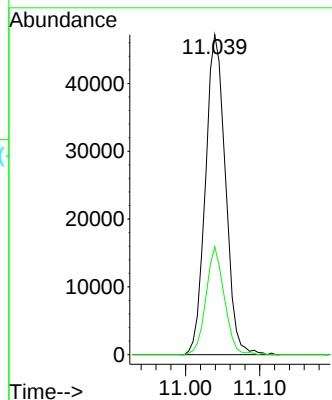
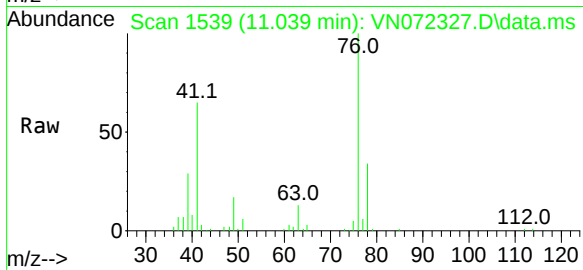
VN0504MBS01

Tgt Ion: 76 Resp: 88355

Ion Ratio Lower Upper

76 100

78 30.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 84.403 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072327.D

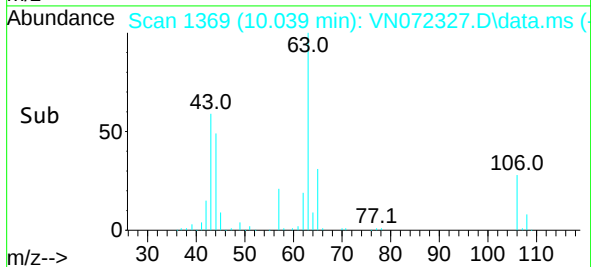
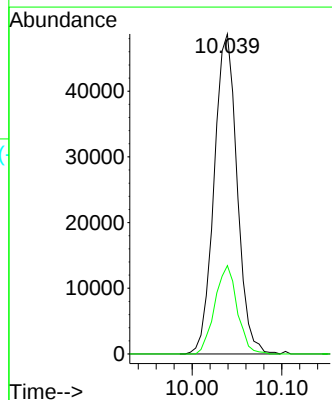
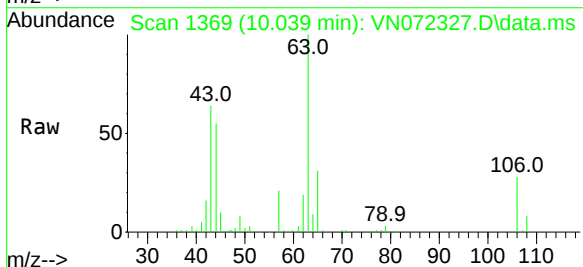
Acq: 04 May 2022 14:50

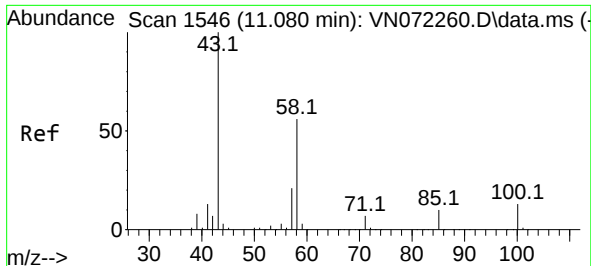
Tgt Ion: 63 Resp: 86591

Ion Ratio Lower Upper

63 100

106 26.9 24.6 36.8

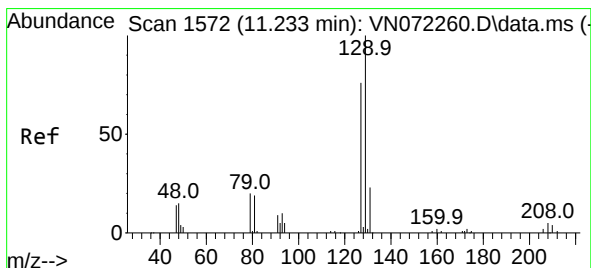
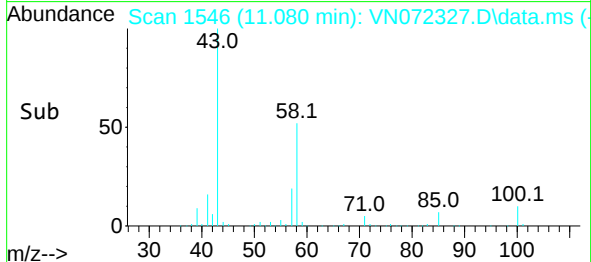
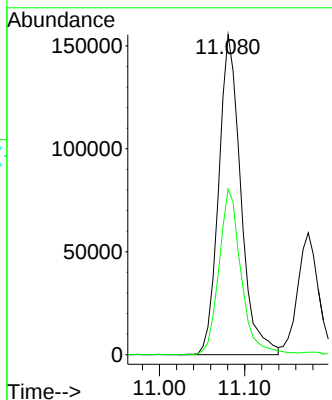
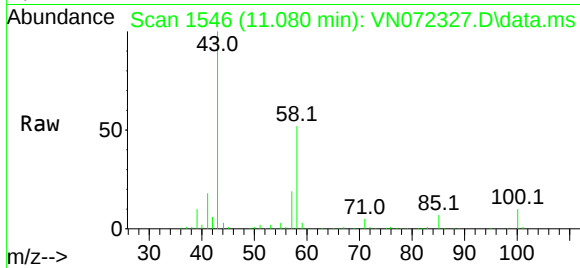




#59  
2-Hexanone  
Concen: 96.491 ug/l  
RT: 11.080 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

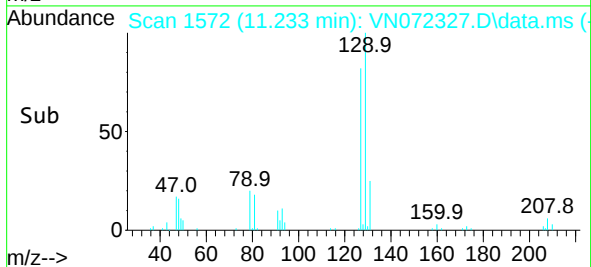
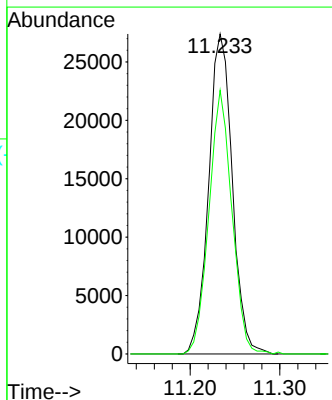
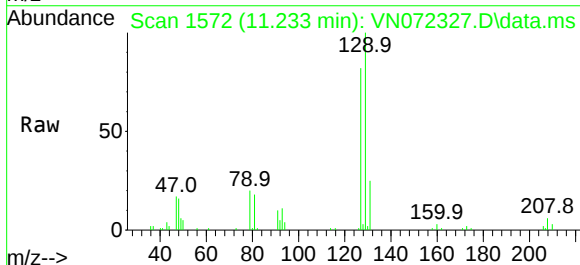
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

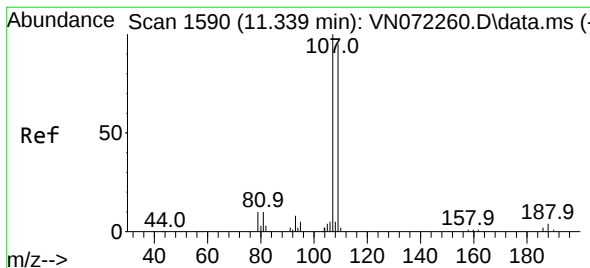
Tgt Ion: 43 Resp: 280588  
Ion Ratio Lower Upper  
43 100  
58 51.8 29.7 89.1



#60  
Dibromochloromethane  
Concen: 19.160 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 129 Resp: 50175  
Ion Ratio Lower Upper  
129 100  
127 80.1 38.8 116.4





#61

1,2-Dibromoethane

Concen: 18.555 ug/l

RT: 11.339 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

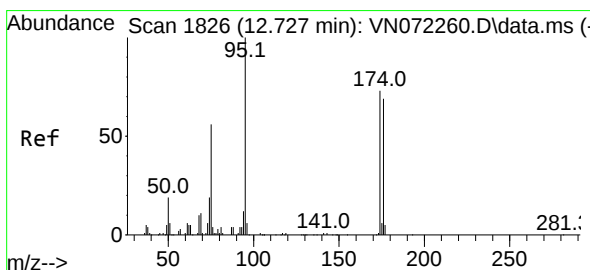
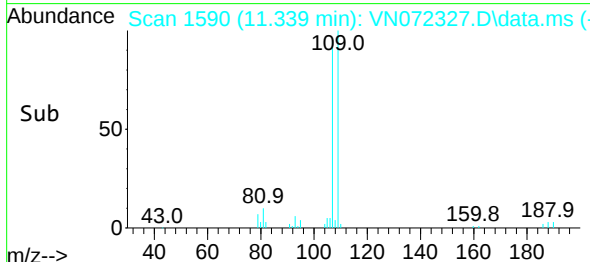
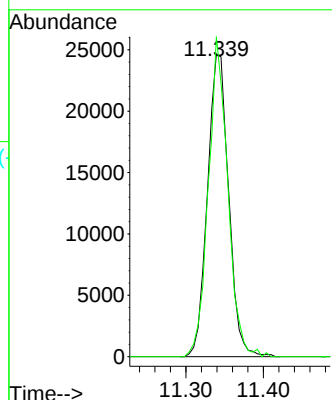
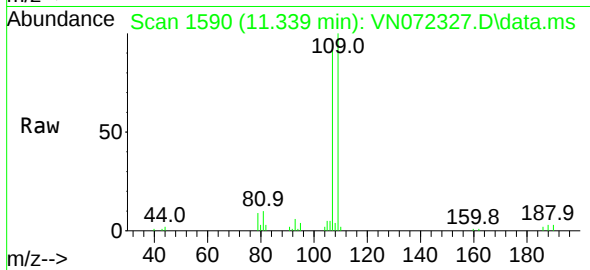
VN0504MBS01

Tgt Ion:107 Resp: 46734

Ion Ratio Lower Upper

107 100

109 97.0 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 47.721 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

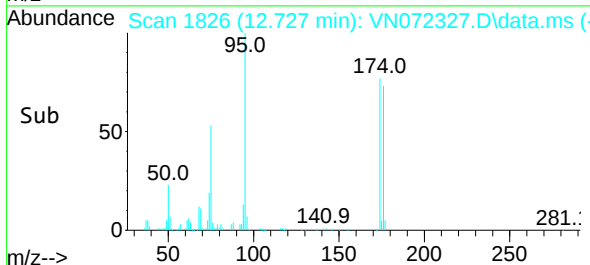
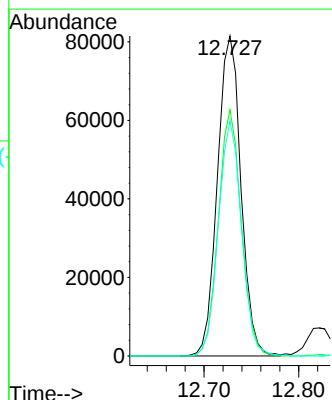
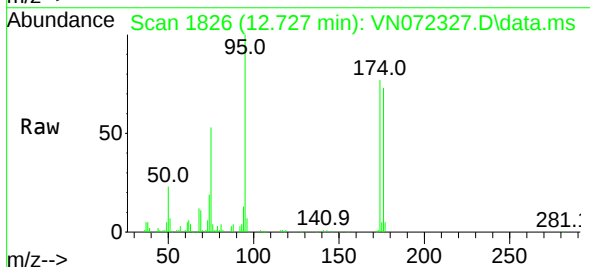
Tgt Ion: 95 Resp: 140847

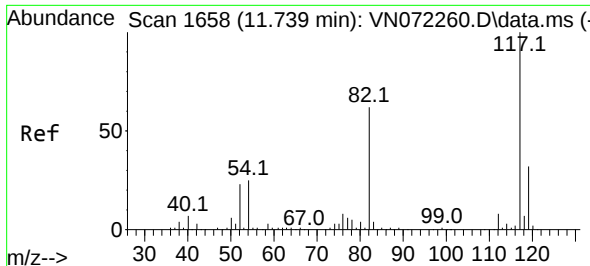
Ion Ratio Lower Upper

95 100

174 74.7 0.0 167.6

176 72.5 0.0 163.4

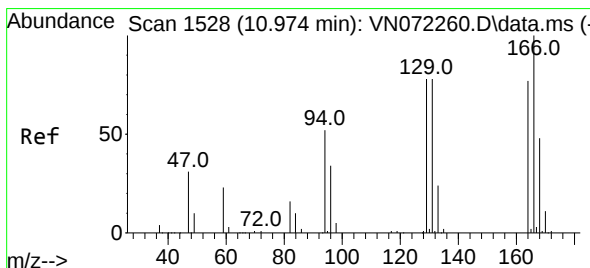
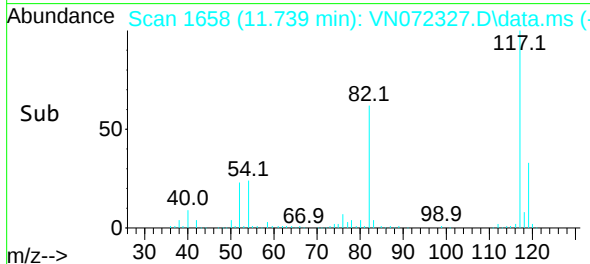
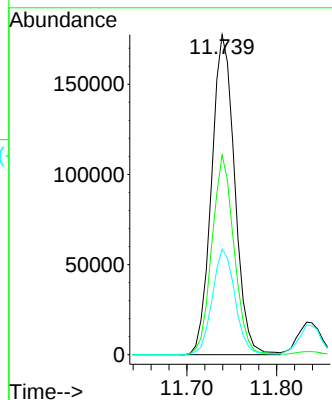
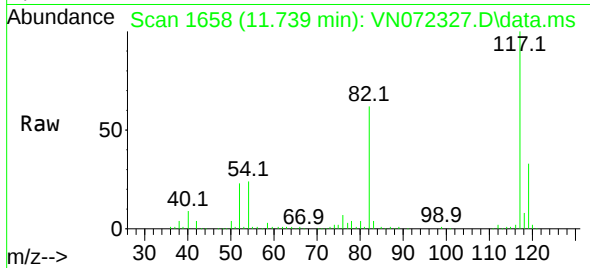




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

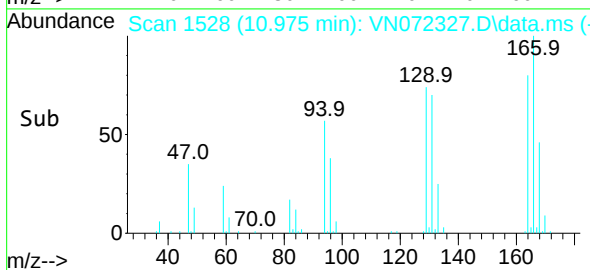
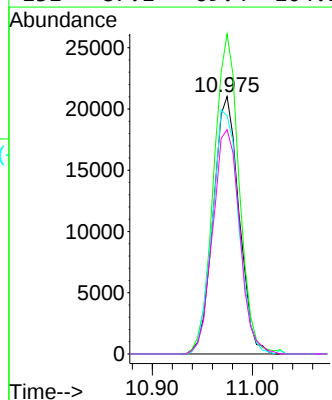
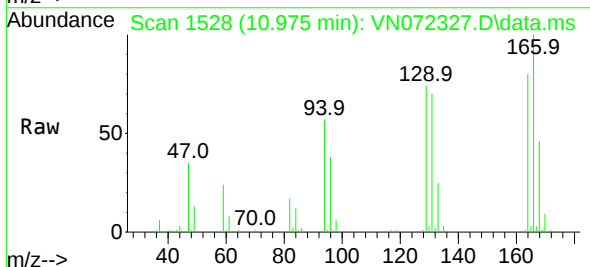
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

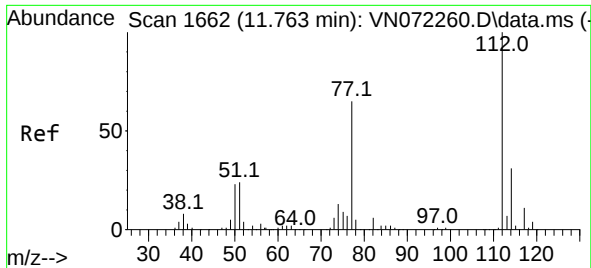
Tgt Ion:117 Resp: 317453  
Ion Ratio Lower Upper  
117 100  
82 62.4 44.2 66.2  
119 33.0 25.4 38.0



#64  
Tetrachloroethene  
Concen: 19.636 ug/l  
RT: 10.975 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion:164 Resp: 37523  
Ion Ratio Lower Upper  
164 100  
166 124.3 104.2 156.2  
129 92.5 73.9 110.9  
131 87.1 69.4 104.2

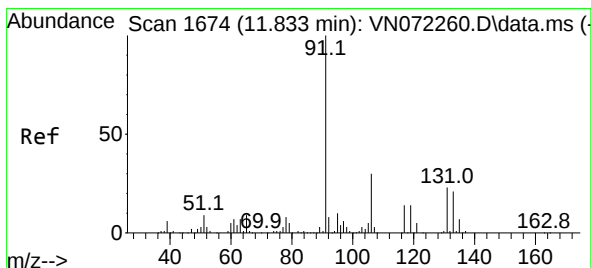
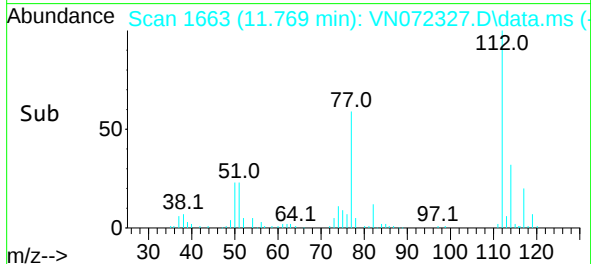
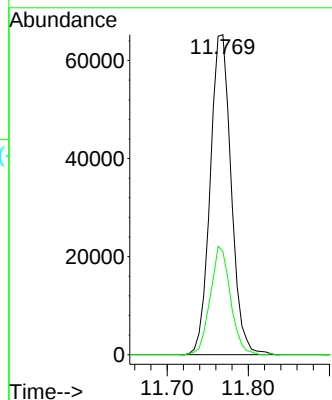
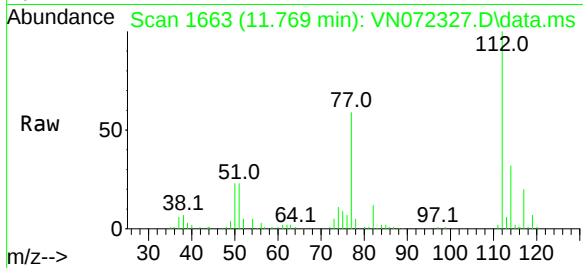




#65  
Chlorobenzene  
Concen: 18.297 ug/l  
RT: 11.769 min Scan# 117361  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

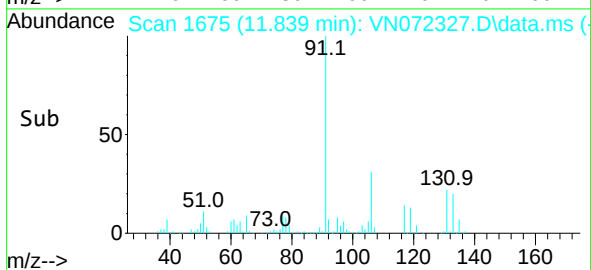
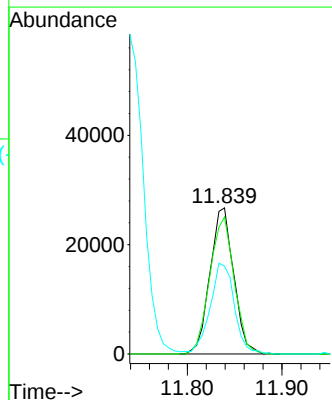
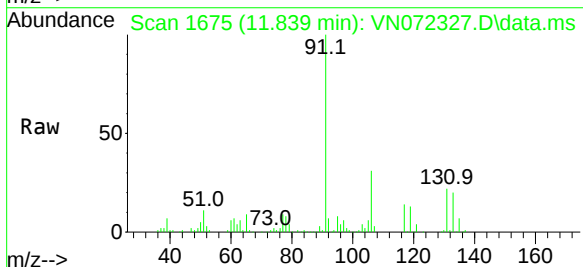
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

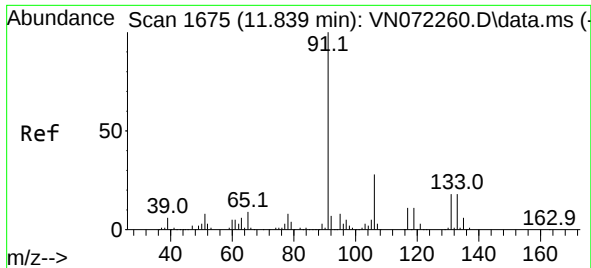
Tgt Ion:112 Resp: 117361  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.229 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion:131 Resp: 46475  
Ion Ratio Lower Upper  
131 100  
133 96.6 47.8 143.4  
119 63.8 33.4 100.2

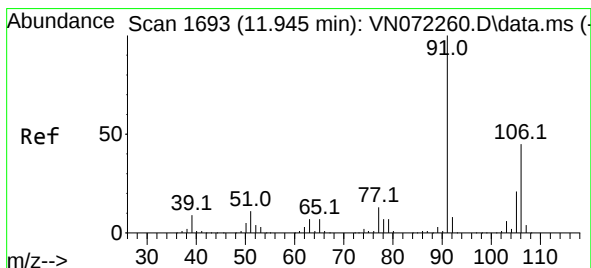
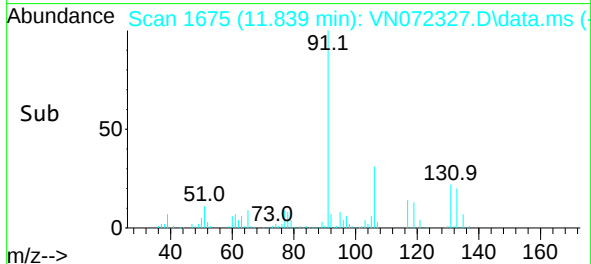
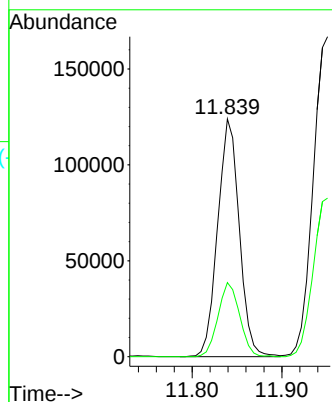
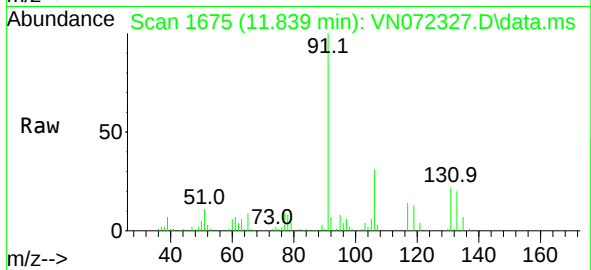




#67  
Ethyl Benzene  
Concen: 18.522 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

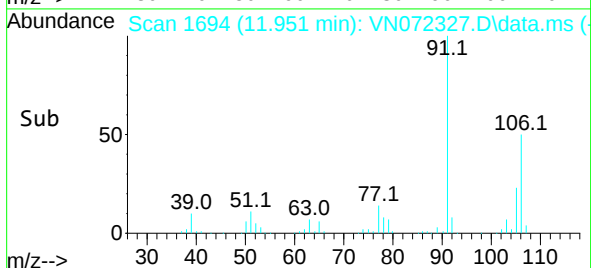
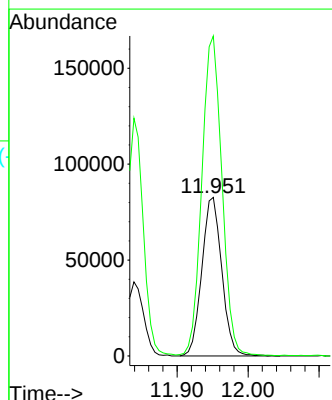
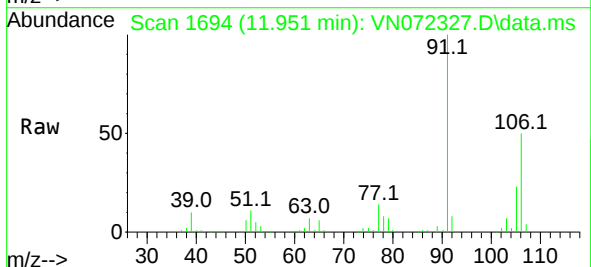
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

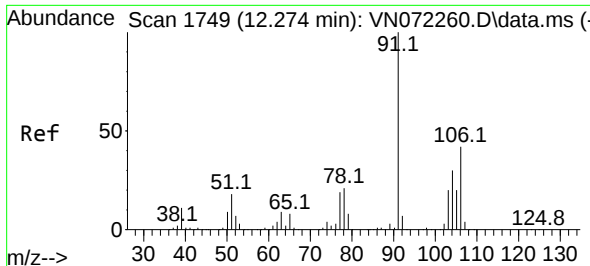
Tgt Ion: 91 Resp: 207191  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.9 37.3



#68  
m/p-Xylenes  
Concen: 38.931 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 106 Resp: 161710  
Ion Ratio Lower Upper  
106 100  
91 203.0 158.9 238.3

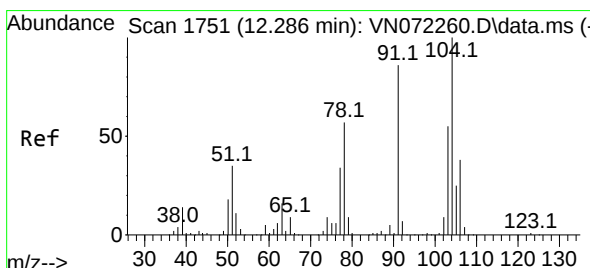
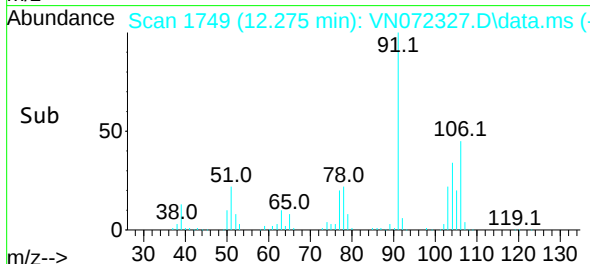
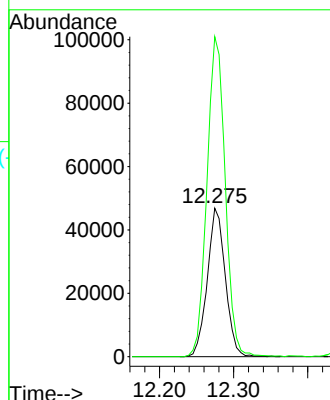
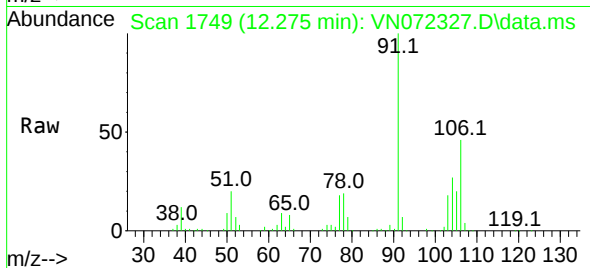




#69  
o-Xylene  
Concen: 19.655 ug/l  
RT: 12.275 min Scan# 1749  
Delta R.T. -0.001 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

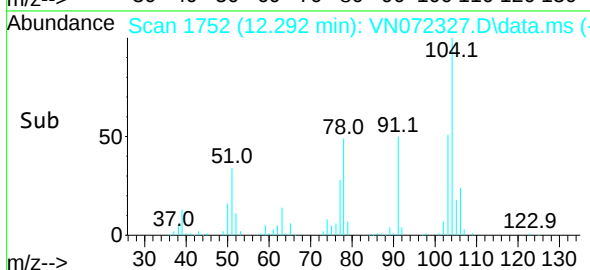
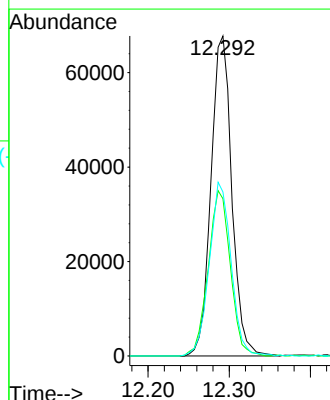
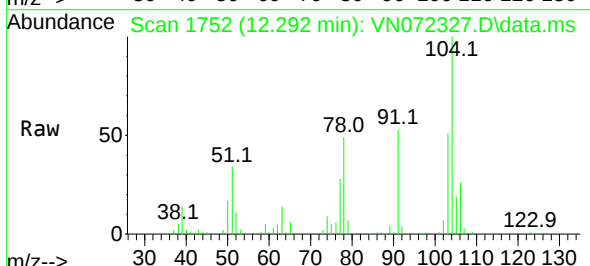
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

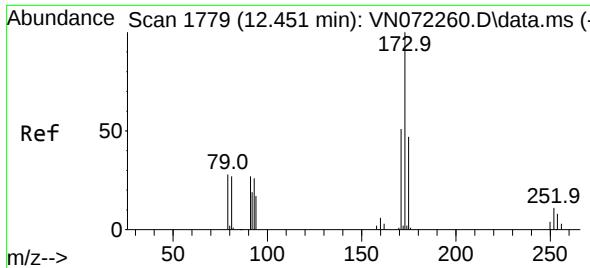
Tgt Ion:106 Resp: 79149  
Ion Ratio Lower Upper  
106 100  
91 218.1 106.0 318.0



#70  
Styrene  
Concen: 19.043 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion:104 Resp: 120788  
Ion Ratio Lower Upper  
104 100  
78 55.0 39.5 59.3  
103 56.8 44.0 66.0

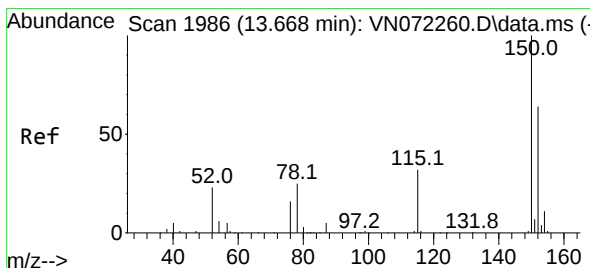
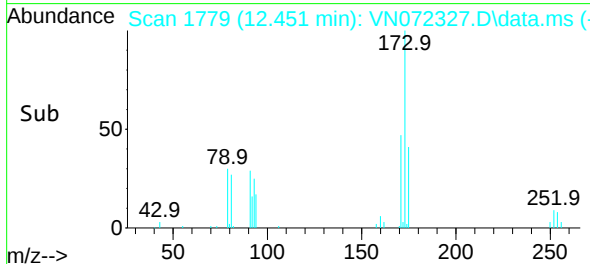
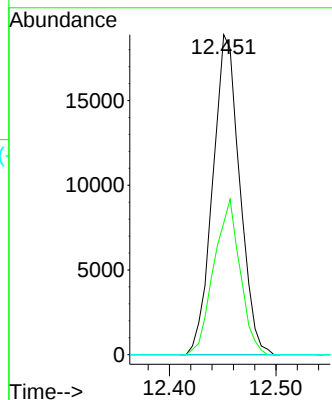
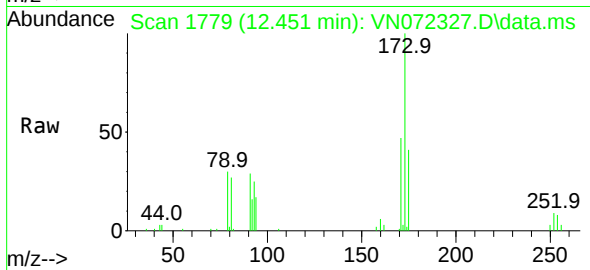




#71  
Bromoform  
Concen: 18.427 ug/l  
RT: 12.451 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

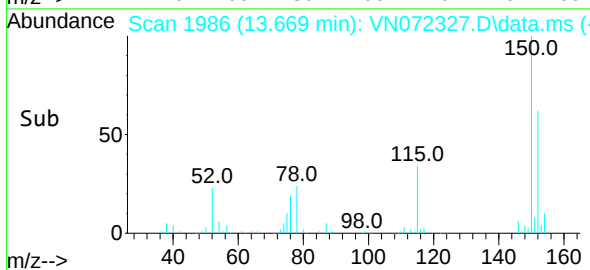
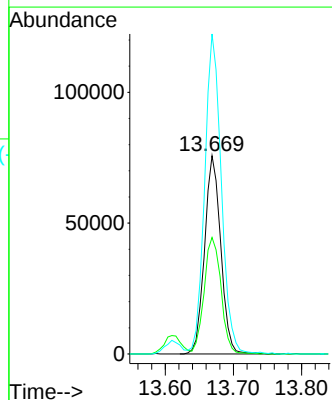
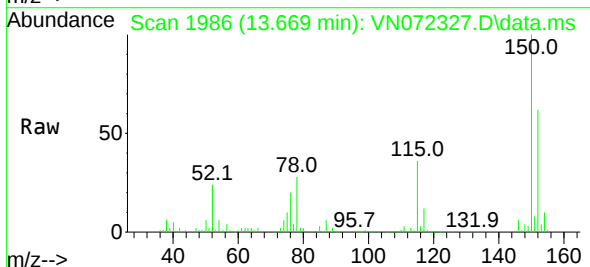
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

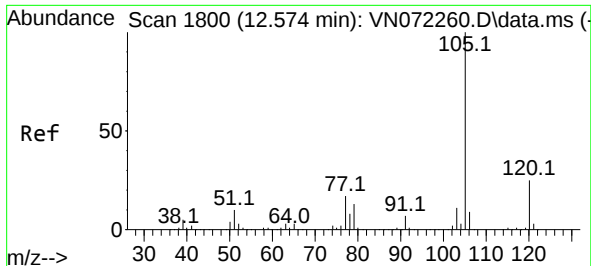
Tgt Ion:173 Resp: 33124  
Ion Ratio Lower Upper  
173 100  
175 47.3 24.6 73.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion:152 Resp: 125099  
Ion Ratio Lower Upper  
152 100  
115 61.4 28.9 86.7  
150 166.0 0.0 356.2

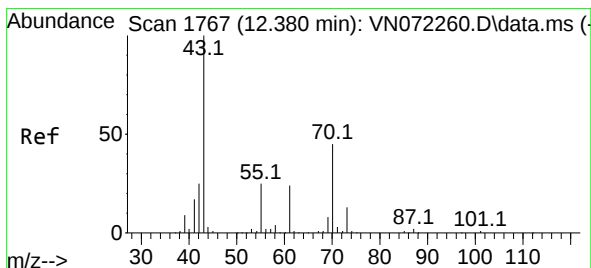
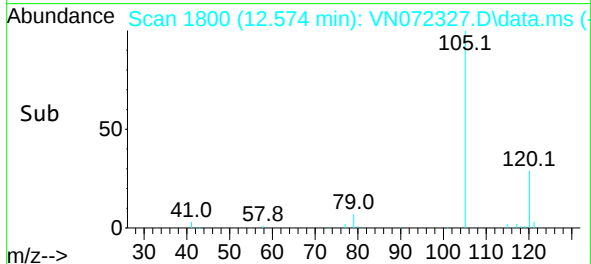
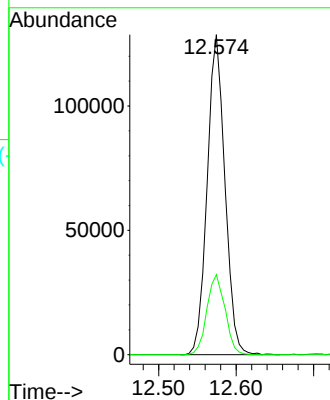
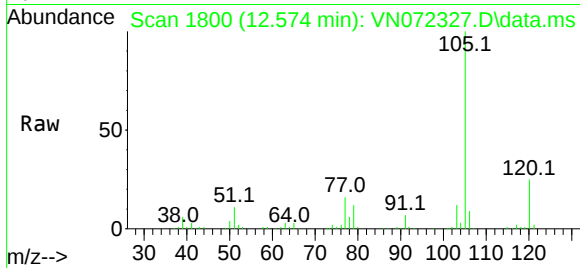




#73  
Isopropylbenzene  
Concen: 18.464 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. -0.001 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

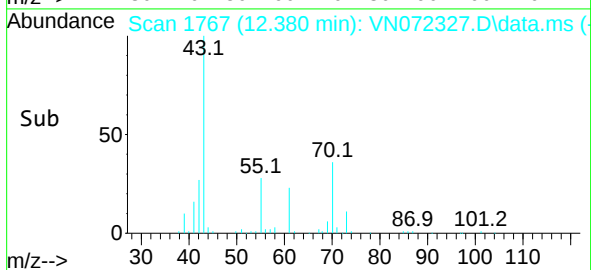
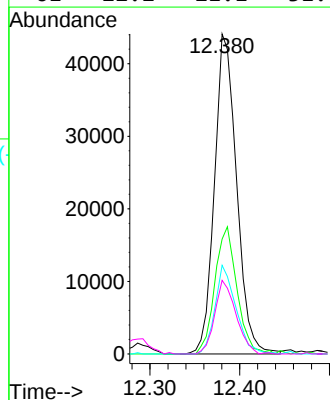
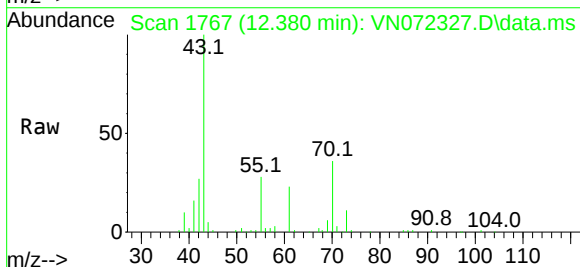
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

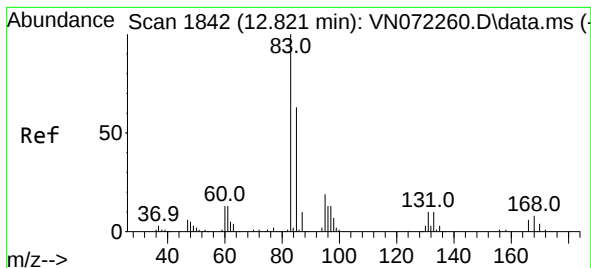
Tgt Ion:105 Resp: 204006  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.5 40.4



#74  
N-ethyl acetate  
Concen: 18.269 ug/l  
RT: 12.380 min Scan# 1767  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 43 Resp: 75622  
Ion Ratio Lower Upper  
43 100  
70 39.6 39.0 58.4  
55 26.2 21.1 31.7  
61 22.2 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.542 ug/l

RT: 12.822 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0504MBS01

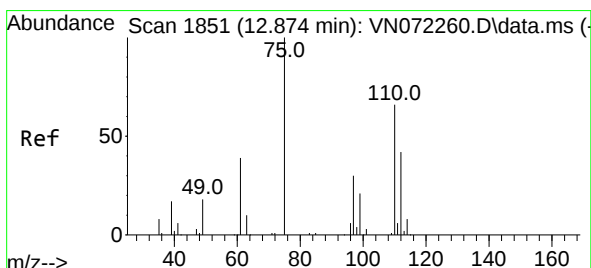
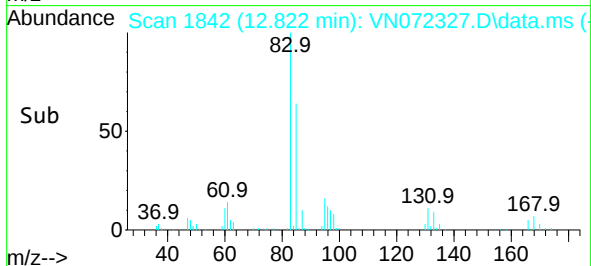
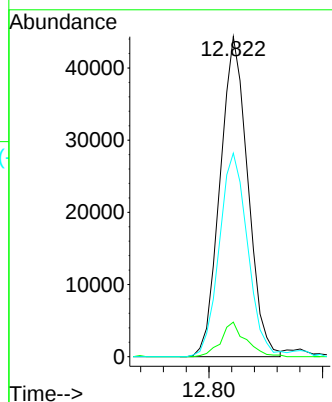
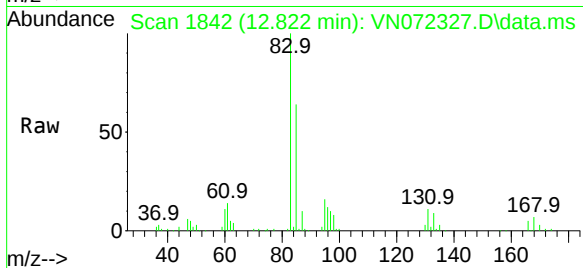
Tgt Ion: 83 Resp: 75253

Ion Ratio Lower Upper

83 100

131 9.7 5.3 15.9

85 65.2 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 31.613 ug/l

RT: 12.874 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN072327.D

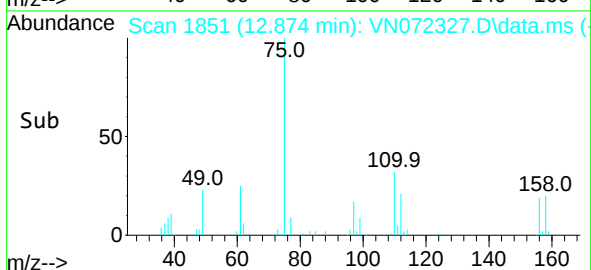
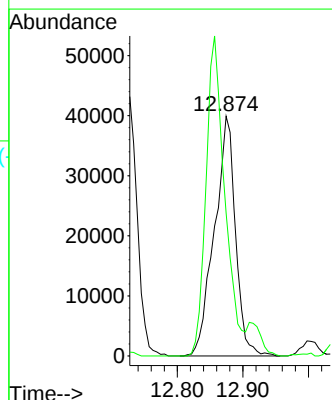
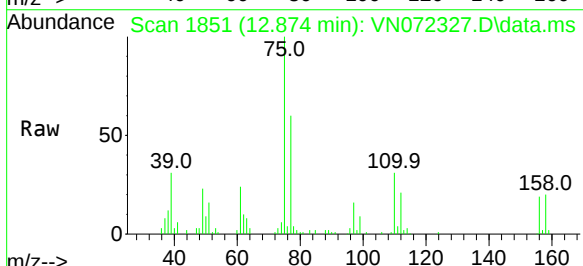
Acq: 04 May 2022 14:50

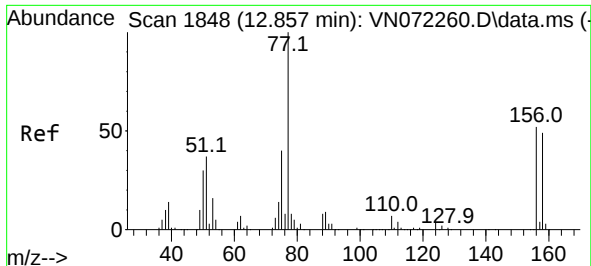
Tgt Ion: 75 Resp: 88883

Ion Ratio Lower Upper

75 100

77 120.1 98.5 295.5

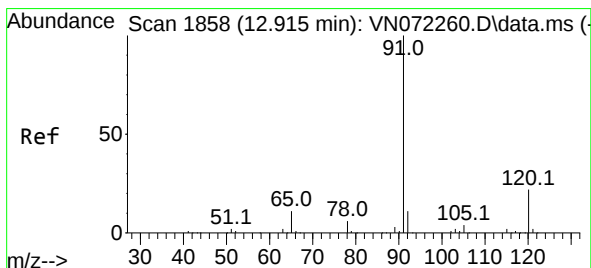
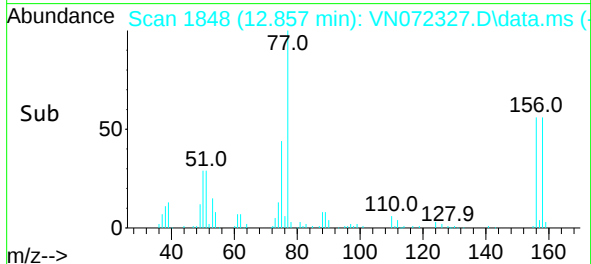
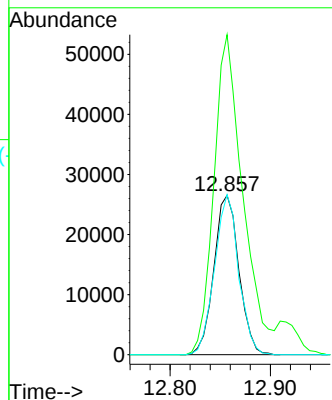
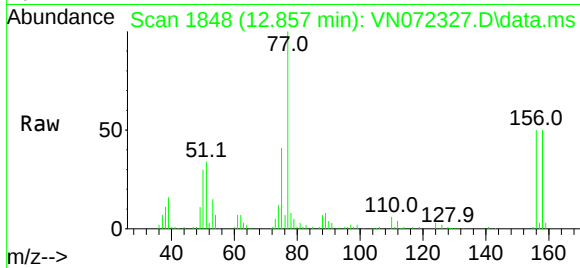




#77  
Bromobenzene  
Concen: 17.538 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

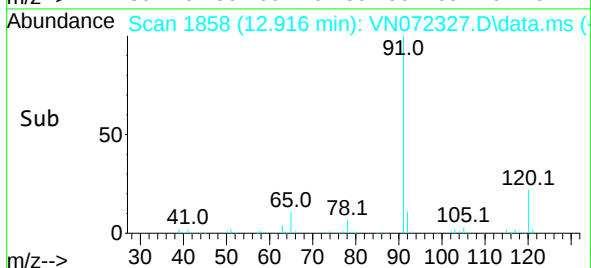
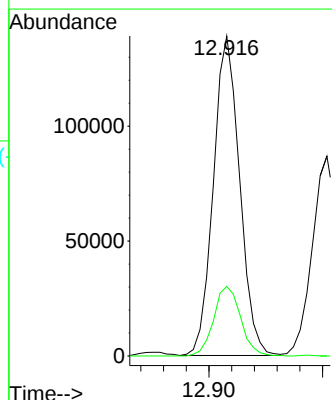
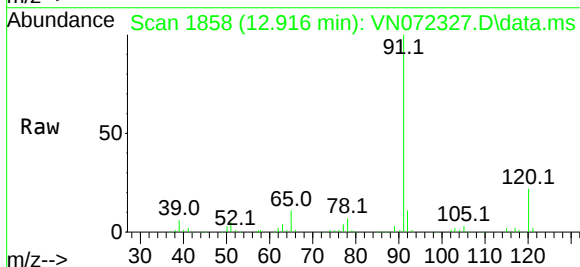
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ClientSampleId :  
VN0504MBS01

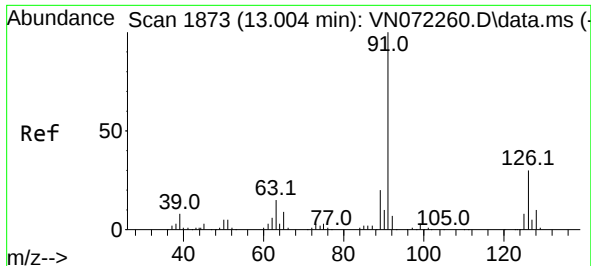
Tgt Ion:156 Resp: 45823  
Ion Ratio Lower Upper  
156 100  
77 232.9 100.5 301.5  
158 97.3 48.9 146.6



#78  
n-propylbenzene  
Concen: 18.326 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 91 Resp: 223066  
Ion Ratio Lower Upper  
91 100  
120 22.3 11.9 35.5

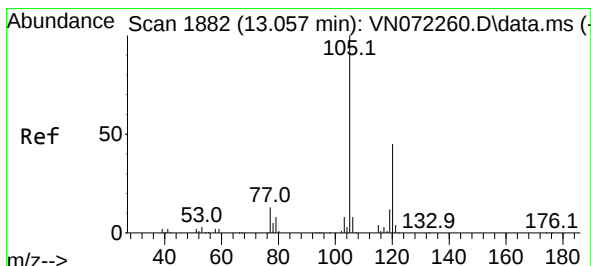
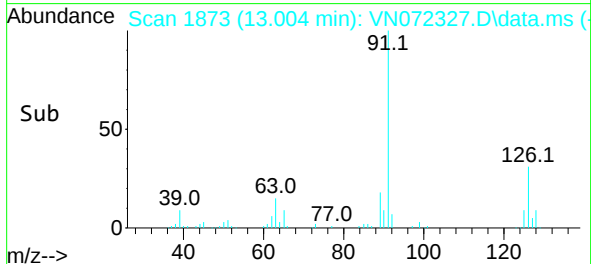
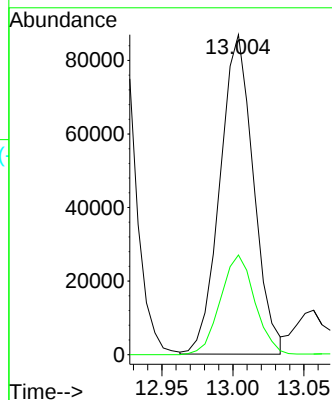
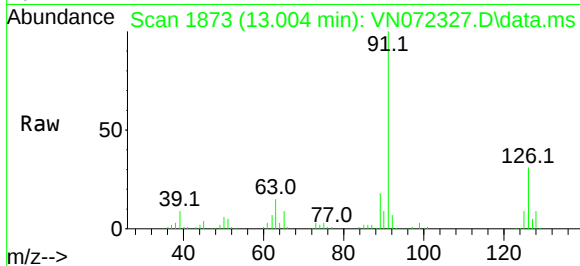




#79  
2-Chlorotoluene  
Concen: 17.887 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

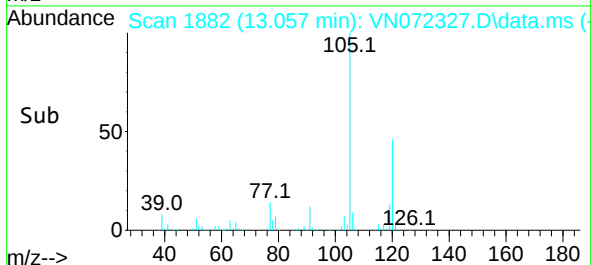
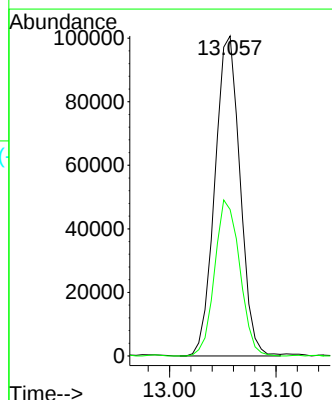
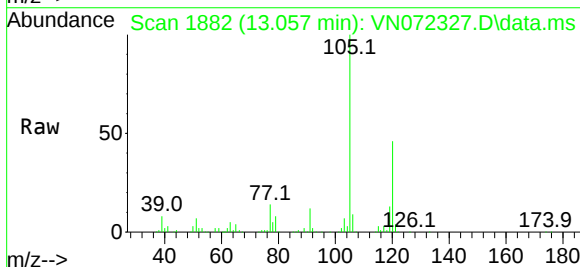
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ClientSampleId :  
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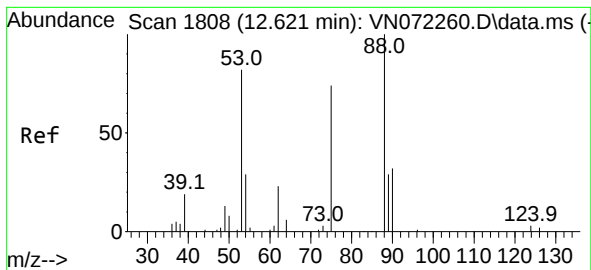
Tgt Ion: 91 Resp: 143004  
Ion Ratio Lower Upper  
91 100  
126 32.1 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 17.943 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 105 Resp: 165102  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.9 74.7

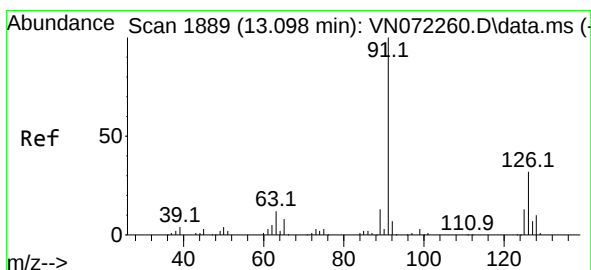
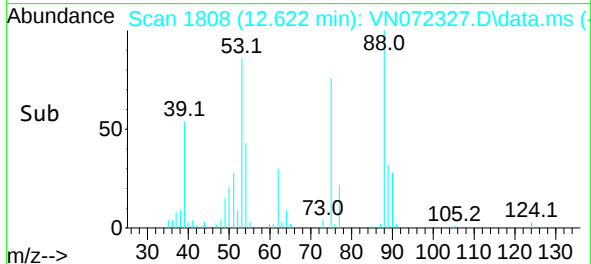
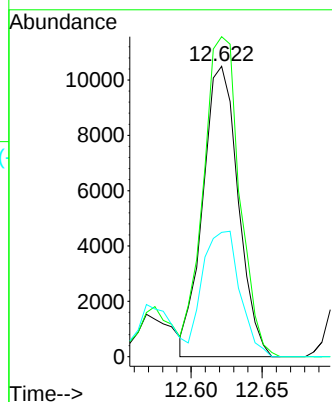
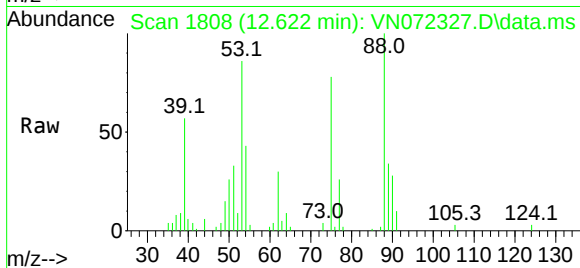




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.808 ug/l  
RT: 12.622 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

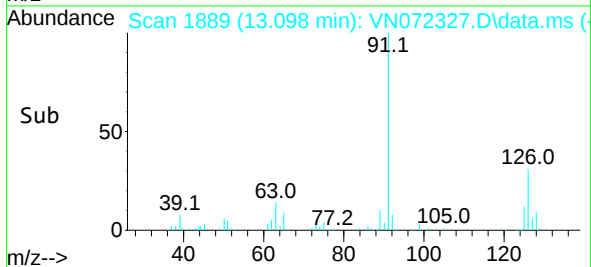
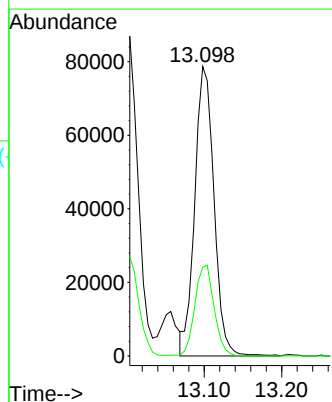
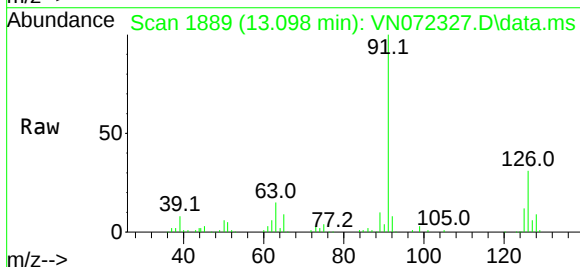
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ClientSampleId :  
VN0504MBS01

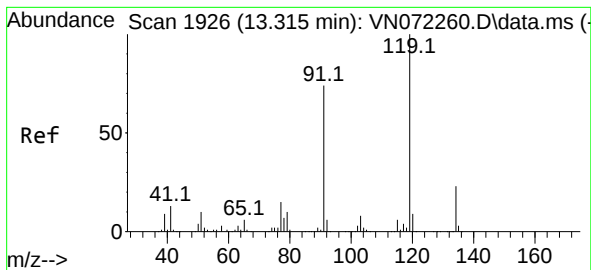
Tgt Ion: 75 Resp: 18185  
Ion Ratio Lower Upper  
75 100  
53 112.8 78.0 117.0  
89 45.3 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 18.190 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 91 Resp: 135373  
Ion Ratio Lower Upper  
91 100  
126 31.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 17.921 ug/l

RT: 13.321 min Scan# 1926

Delta R.T. 0.005 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0504MBS01

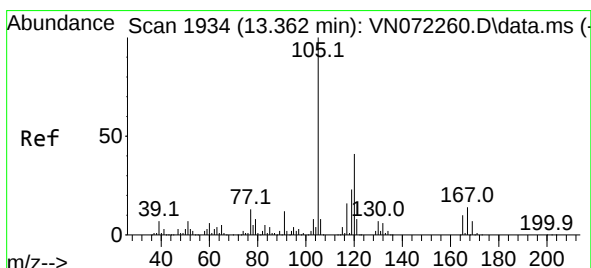
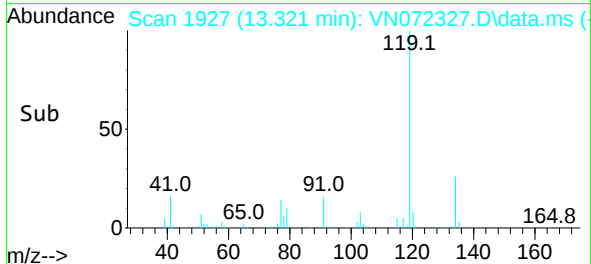
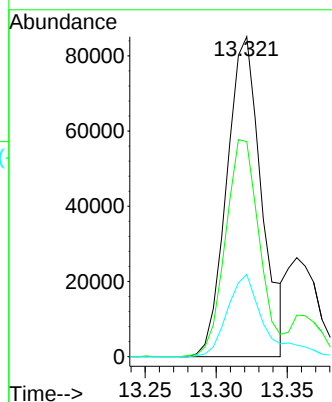
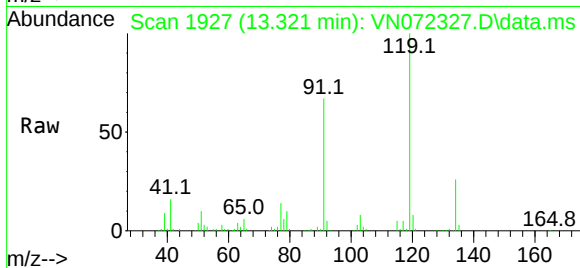
Tgt Ion:119 Resp: 144784

Ion Ratio Lower Upper

119 100

91 66.0 31.6 94.8

134 27.2 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 17.904 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072327.D

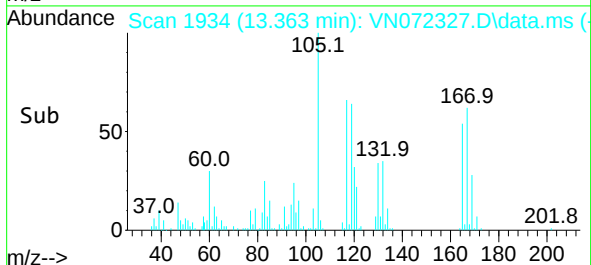
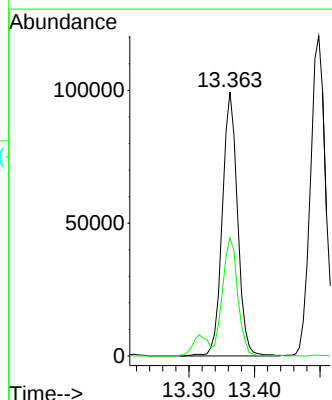
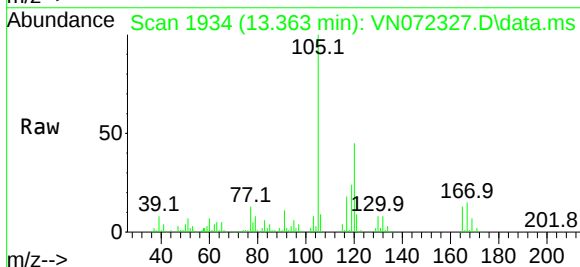
Acq: 04 May 2022 14:50

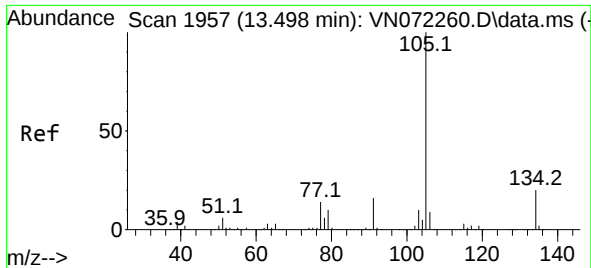
Tgt Ion:105 Resp: 159397

Ion Ratio Lower Upper

105 100

120 44.9 23.3 69.8

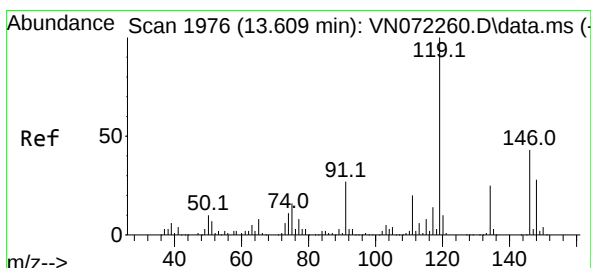
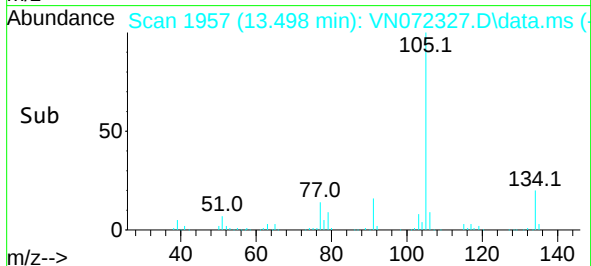
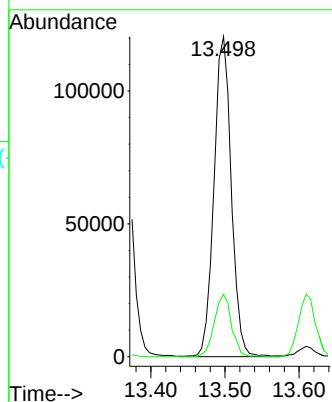
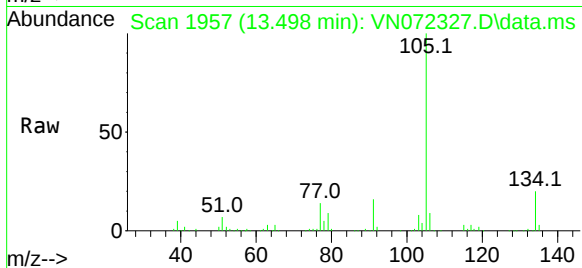




#85  
 sec-Butylbenzene  
 Concen: 18.542 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

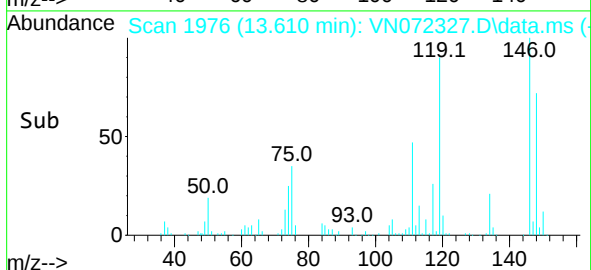
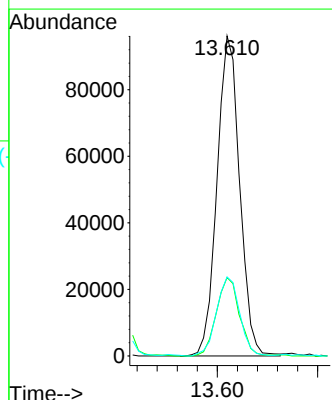
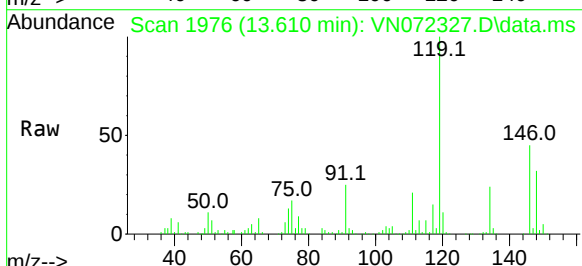
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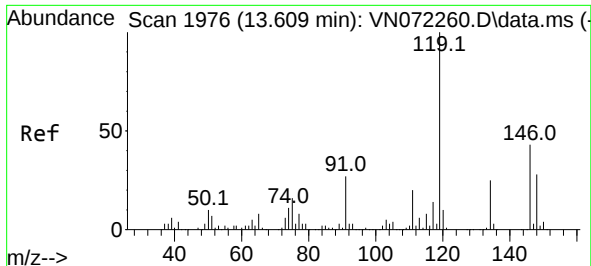
Tgt Ion:105 Resp: 195297  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 18.338 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

Tgt Ion:119 Resp: 150580  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 13.3 39.8  
 91 25.3 11.3 33.9

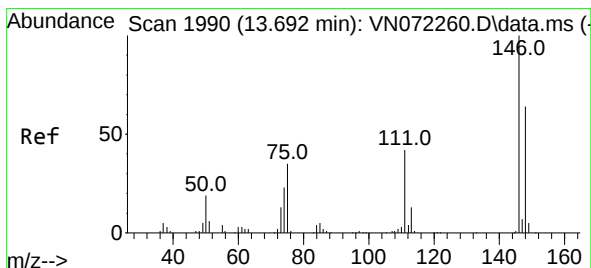
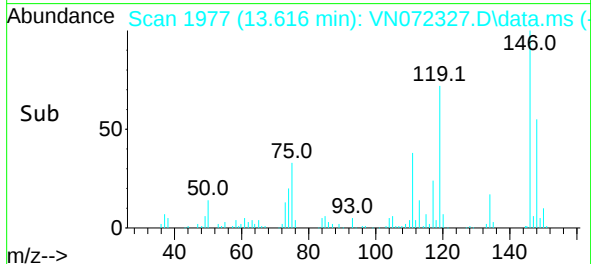
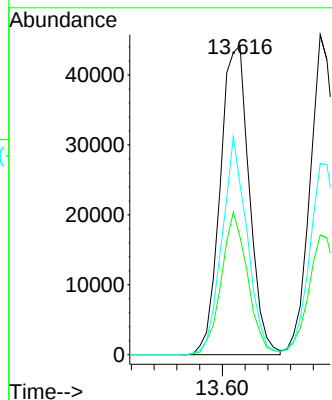
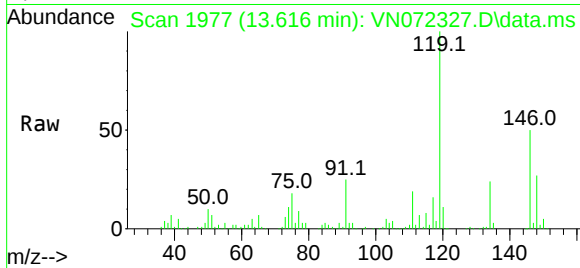




#87  
 1,3-Dichlorobenzene  
 Concen: 18.511 ug/l  
 RT: 13.616 min Scan# 1977  
 Delta R.T. 0.006 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

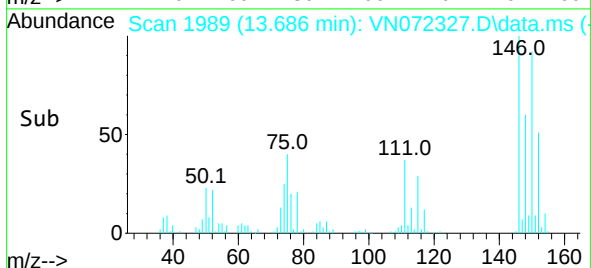
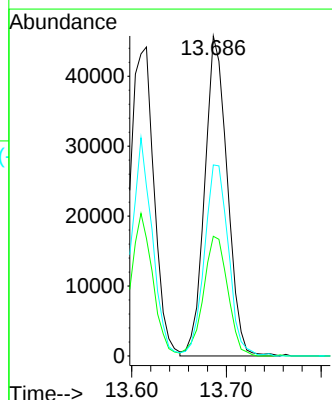
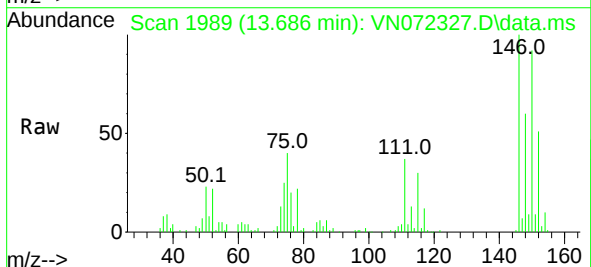
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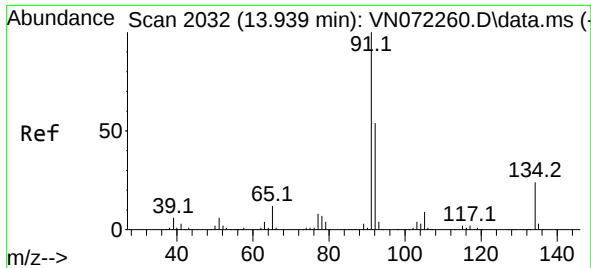
Tgt Ion:146 Resp: 78282  
 Ion Ratio Lower Upper  
 146 100  
 111 42.0 20.0 60.0  
 148 61.3 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 18.428 ug/l  
 RT: 13.686 min Scan# 1989  
 Delta R.T. -0.006 min  
 Lab File: VN072327.D  
 Acq: 04 May 2022 14:50

Tgt Ion:146 Resp: 75786  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 19.1 57.1  
 148 63.7 31.4 94.3

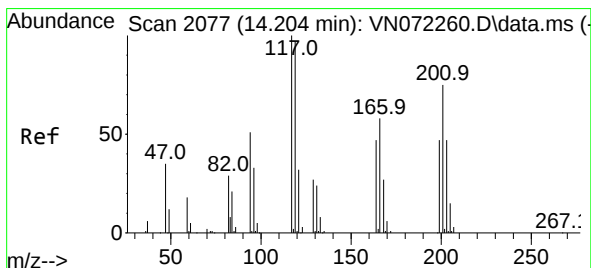
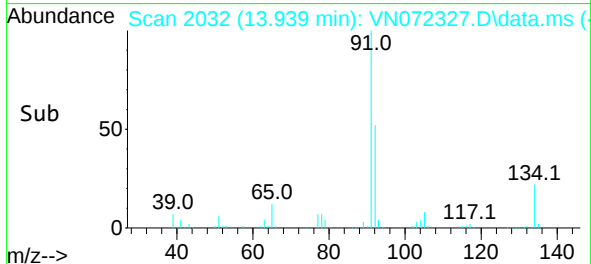
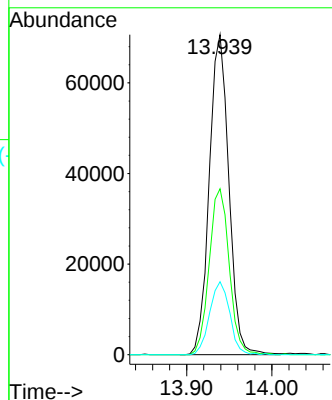
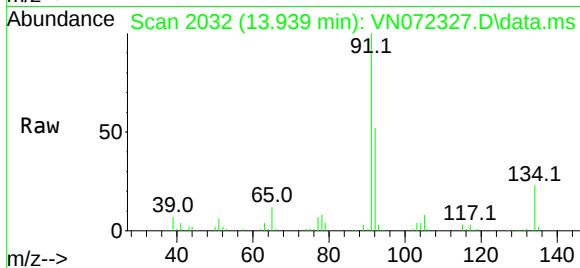




#89  
n-Butylbenzene  
Concen: 17.905 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

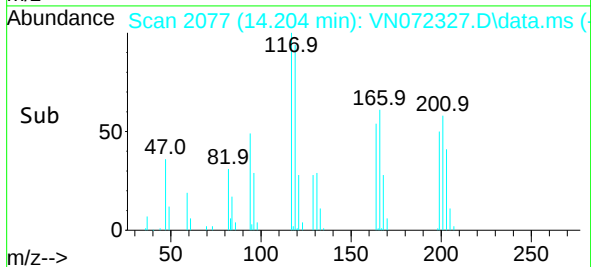
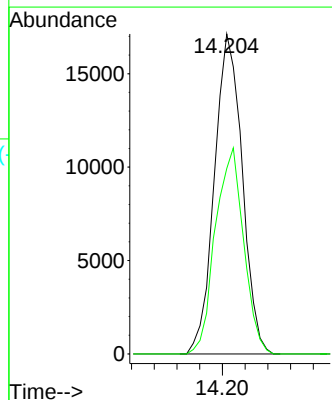
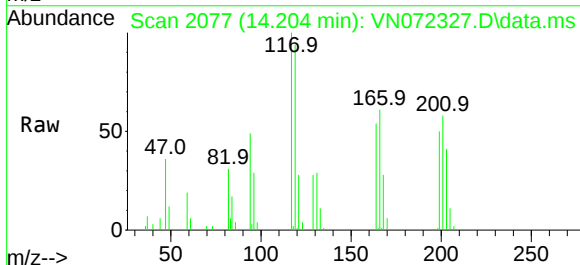
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ClientSampleId :  
VN0504MBS01

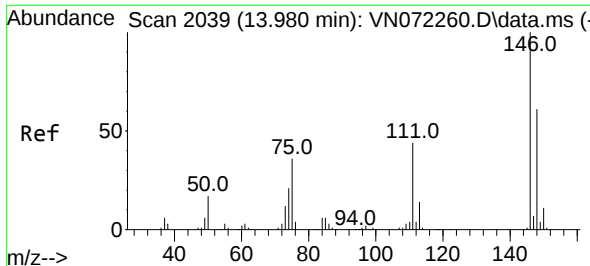
Tgt Ion: 91 Resp: 112617  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.9 80.7  
134 23.5 13.6 40.8



#90  
Hexachloroethane  
Concen: 16.346 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 117 Resp: 29138  
Ion Ratio Lower Upper  
117 100  
201 65.5 40.6 122.0

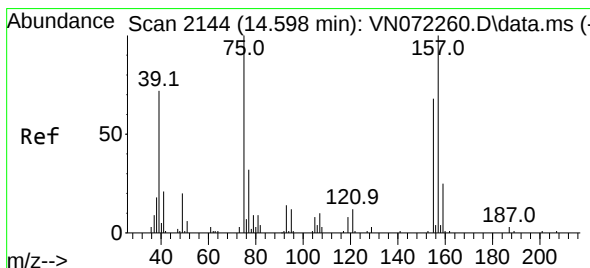
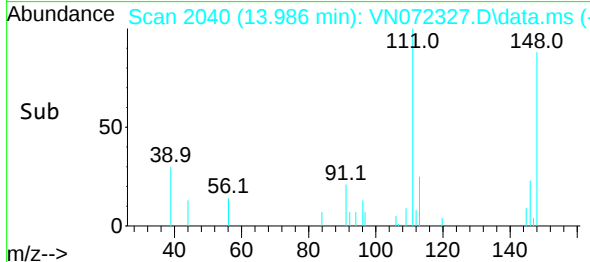
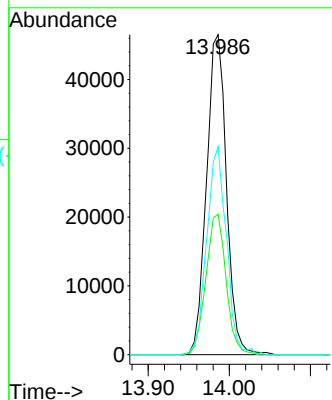
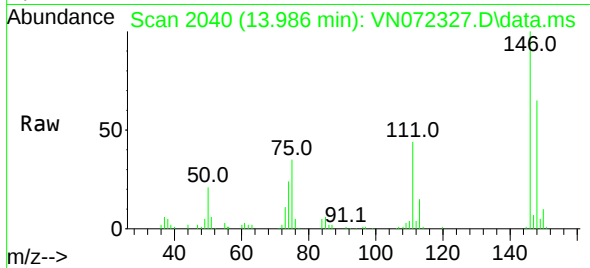




#91  
1,2-Dichlorobenzene  
Concen: 19.029 ug/l  
RT: 13.986 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

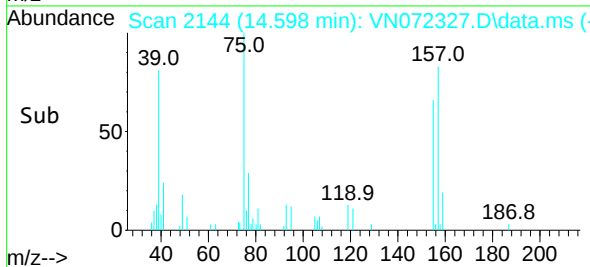
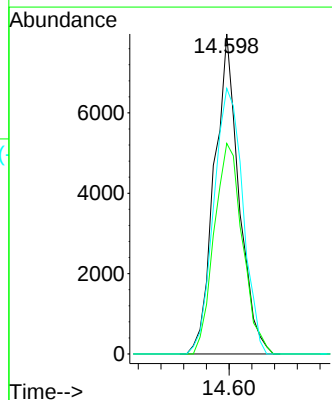
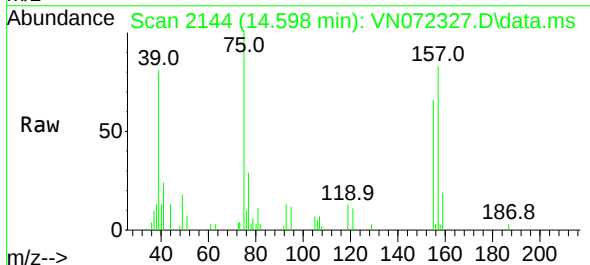
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

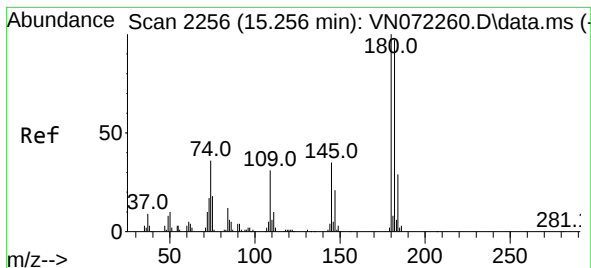
Tgt Ion:146 Resp: 79315  
Ion Ratio Lower Upper  
146 100  
111 44.5 20.9 62.8  
148 64.4 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 15.709 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion: 75 Resp: 12004  
Ion Ratio Lower Upper  
75 100  
155 75.8 44.9 134.5  
157 97.9 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 15.746 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

Instrument :

MSVOA\_N

ClientSampleId :

VN0504MBS01

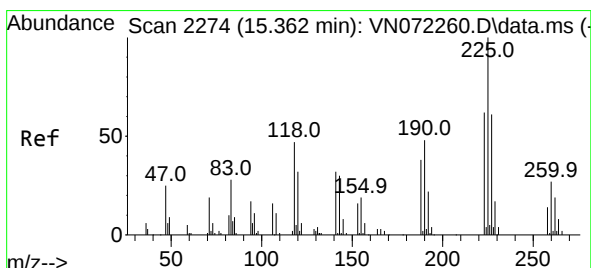
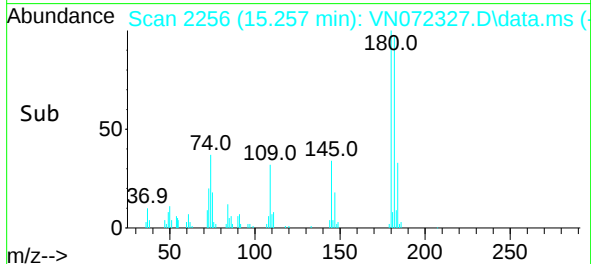
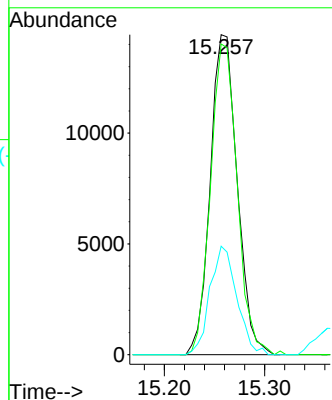
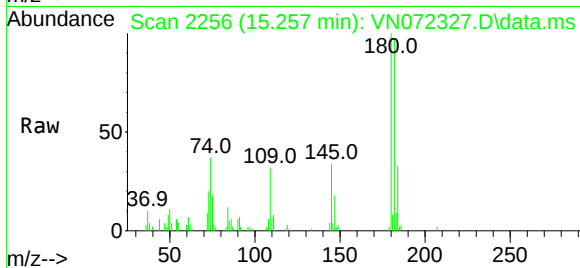
Tgt Ion:180 Resp: 26983

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.5

145 33.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 16.039 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.005 min

Lab File: VN072327.D

Acq: 04 May 2022 14:50

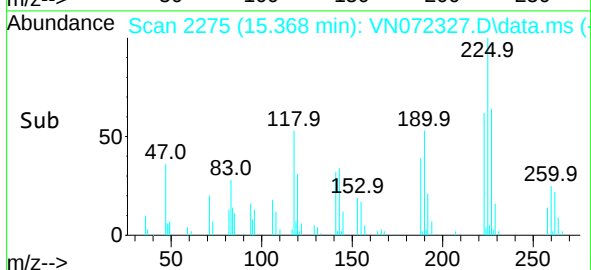
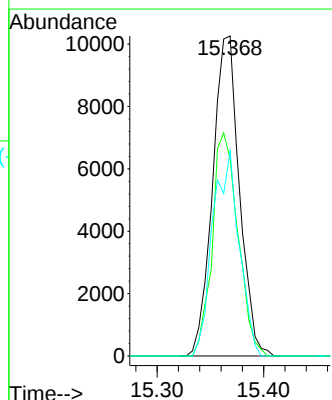
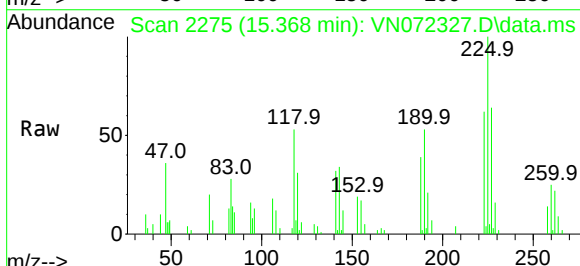
Tgt Ion:225 Resp: 17914

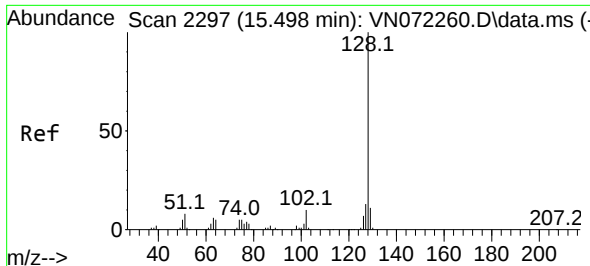
Ion Ratio Lower Upper

225 100

223 67.0 32.4 97.2

227 63.3 31.8 95.4

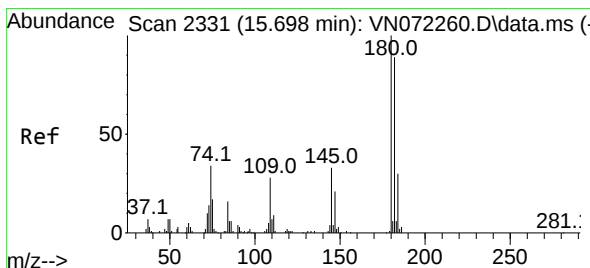
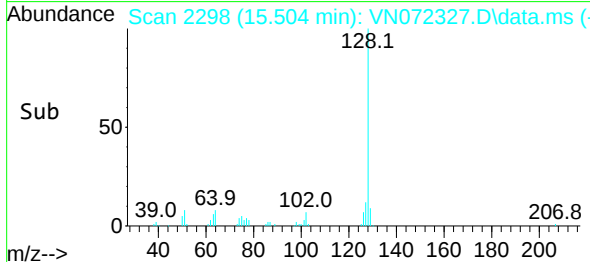
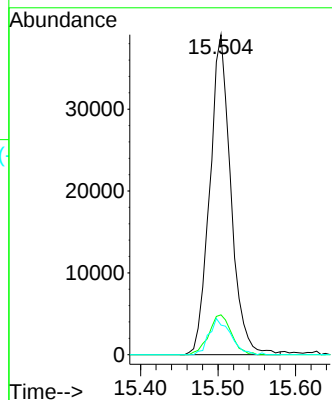
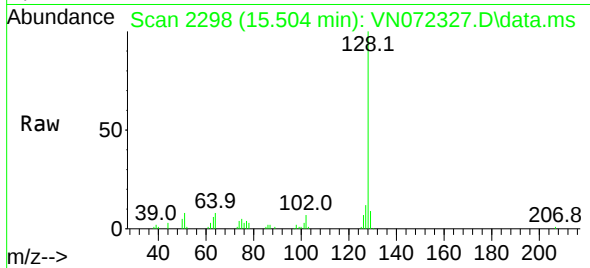




#95  
Naphthalene  
Concen: 14.717 ug/l  
RT: 15.504 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0504MBS01

Tgt Ion:128 Resp: 73848  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.3 15.5  
129 11.4 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 16.240 ug/l  
RT: 15.692 min Scan# 2330  
Delta R.T. -0.000 min  
Lab File: VN072327.D  
Acq: 04 May 2022 14:50

Tgt Ion:180 Resp: 27525  
Ion Ratio Lower Upper  
180 100  
182 96.7 47.8 143.3  
145 32.3 15.5 46.5

