

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111521\  
 Data File : VN069494.D  
 Acq On : 15 Nov 2021 16:32  
 Operator : JC/MD  
 Sample : M4068-08  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 16 00:52:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 971235   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 1673614  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1506195  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 537479   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 762631   | 54.155   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 108.300% |      |
| 35) Dibromofluoromethane    | 8.021  | 113   | 511347   | 50.943   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 101.880% |      |
| 50) Toluene-d8              | 10.440 | 98    | 2023361  | 51.253   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 102.500% |      |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 645805   | 44.530   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 89.060%  |      |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 40826  | 3.935  | ug/l   | 98  |
| 3) Chloromethane             | 2.303 | 50  | 51644  | 4.292  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.446 | 62  | 51988  | 4.315  | ug/l   | 96  |
| 5) Bromomethane              | 2.842 | 94  | 33013  | 4.219  | ug/l   | 99  |
| 6) Chloroethane              | 3.014 | 64  | 34341  | 4.223  | ug/l # | 86  |
| 7) Trichlorofluoromethane    | 3.376 | 101 | 77167  | 4.144  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.824 | 74  | 26695  | 4.431  | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 4.205 | 101 | 38038  | 4.336  | ug/l   | 92  |
| 10) Methyl Iodide            | 4.417 | 142 | 43912  | 4.081  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.382 | 59  | 47262  | 18.625 | ug/l # | 85  |
| 12) 1,1-Dichloroethene       | 4.175 | 96  | 34100  | 4.332  | ug/l   | 98  |
| 13) Acrolein                 | 4.036 | 56  | 6854   | 12.801 | ug/l # | 26  |
| 14) Allyl chloride           | 4.835 | 41  | 69524  | 3.995  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.562 | 53  | 140169 | 21.570 | ug/l   | 96  |
| 16) Acetone                  | 4.293 | 43  | 157325 | 20.706 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.524 | 76  | 68310  | 3.671  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.859 | 43  | 108993 | 4.413  | ug/l   | 94  |
| 19) Methyl tert-butyl Ether  | 5.621 | 73  | 141801 | 4.256  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.095 | 84  | 48314  | 4.484  | ug/l # | 86  |
| 21) trans-1,2-Dichloroethene | 5.594 | 96  | 37658  | 4.283  | ug/l   | 86  |
| 22) Diisopropyl ether        | 6.498 | 45  | 151412 | 4.039  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.434 | 43  | 489333 | 16.876 | ug/l # | 92  |
| 24) 1,1-Dichloroethane       | 6.388 | 63  | 81360  | 4.261  | ug/l   | 99  |
| 25) 2-Butanone               | 7.340 | 43  | 216804 | 21.073 | ug/l   | 91  |
| 26) 2,2-Dichloropropane      | 7.321 | 77  | 59013  | 3.950  | ug/l # | 73  |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 47491  | 4.357  | ug/l   | 87  |
| 28) Bromochloromethane       | 7.659 | 49  | 54059  | 5.528  | ug/l # | 79  |
| 29) Tetrahydrofuran          | 7.691 | 42  | 133341 | 21.119 | ug/l   | 91  |
| 30) Chloroform               | 7.818 | 83  | 85066  | 4.345  | ug/l   | 96  |
| 31) Cyclohexane              | 8.094 | 56  | 100557 | 5.227  | ug/l # | 84  |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 67774  | 4.148  | ug/l   | 92  |
| 36) 1,1-Dichloropropene      | 8.220 | 75  | 58585  | 4.160  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.418 | 43  | 85613  | 4.497  | ug/l # | 91  |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 54180  | 3.985  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.459 | 83  | 68999  | 3.939  | ug/l   | 89  |
| 40) Benzene                  | 8.461 | 78  | 187831 | 4.321  | ug/l   | 99  |

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 Sample : M4068-08  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 16 00:52:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.641  | 41   | 37777    | 3.841   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 75389    | 4.429   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 125871   | 4.117   | ug/l # | 93       |
| 44) Trichloroethene           | 9.215  | 130  | 44017    | 4.231   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 49688    | 4.279   | ug/l   | 96       |
| 46) Dibromomethane            | 9.580  | 93   | 32800    | 4.217   | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.762  | 83   | 54825    | 3.777   | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.558  | 41   | 55967    | 3.890   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.574  | 88   | 20167    | 107.035 | ug/l   | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.331 | 43   | 415098   | 21.032  | ug/l   | 95       |
| 52) Toluene                   | 10.505 | 92   | 117580   | 4.342   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 51557    | 5.374   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 59365    | 4.780   | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 46971    | 4.303   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 71179    | 5.371   | ug/l   | 88       |
| 57) 1,3-Dichloropropane       | 11.044 | 76   | 81601    | 4.254   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 80070    | 36.529  | ug/l   | 92       |
| 59) 2-Hexanone                | 11.087 | 43   | 288027   | 24.677  | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.237 | 129  | 36376    | 5.307   | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 45492    | 4.725   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.977 | 164  | 42115    | 4.631   | ug/l   | 93       |
| 65) Chlorobenzene             | 11.771 | 112  | 120945   | 4.314   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.840 | 131  | 38720    | 3.982   | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.846 | 91   | 211504   | 4.090   | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.953 | 106  | 155123   | 8.157   | ug/l   | 98       |
| 69) o-Xylene                  | 12.280 | 106  | 77244    | 4.074   | ug/l   | 96       |
| 70) Styrene                   | 12.296 | 104  | 112354   | 4.721   | ug/l   | 93       |
| 71) Bromoform                 | 12.457 | 173  | 22213    | 5.878   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.578 | 105  | 191932   | 4.485   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.390 | 43   | 70462    | 3.885   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 68769    | 4.765   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 82418    | 6.645   | ug/l   | 70       |
| 77) Bromobenzene              | 12.860 | 156  | 45927    | 4.693   | ug/l   | 79       |
| 78) n-propylbenzene           | 12.921 | 91   | 208224   | 4.324   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.007 | 91   | 132026   | 4.428   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 150701   | 4.356   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.731 | 75   | 365059   | 83.254  | ug/l # | 5        |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 122492   | 4.310   | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.324 | 119  | 138373   | 4.564   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 141018   | 4.222   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 175490   | 4.144   | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 133904   | 3.983   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 71306    | 4.202   | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 70589    | 4.241   | ug/l   | 90       |
| 89) n-Butylbenzene            | 13.943 | 91   | 101370   | 3.616   | ug/l   | 96       |
| 90) Hexachloroethane          | 14.209 | 117  | 19866    | 5.238   | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 72986    | 4.520   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.606 | 75   | 8688     | 4.918   | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 21918    | 5.543   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 17688    | 4.216   | ug/l   | 97       |
| 95) Naphthalene               | 15.507 | 128  | 52330    | 6.449   | ug/l # | 92       |
| 96) 1,2,3-Trichlorobenzene    | 15.700 | 180  | 21020    | 5.603   | ug/l   | 95       |

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Sample : M4068-08  
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Nov 16 00:52:49 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 09 18:18:22 2021  
Response via : Initial Calibration

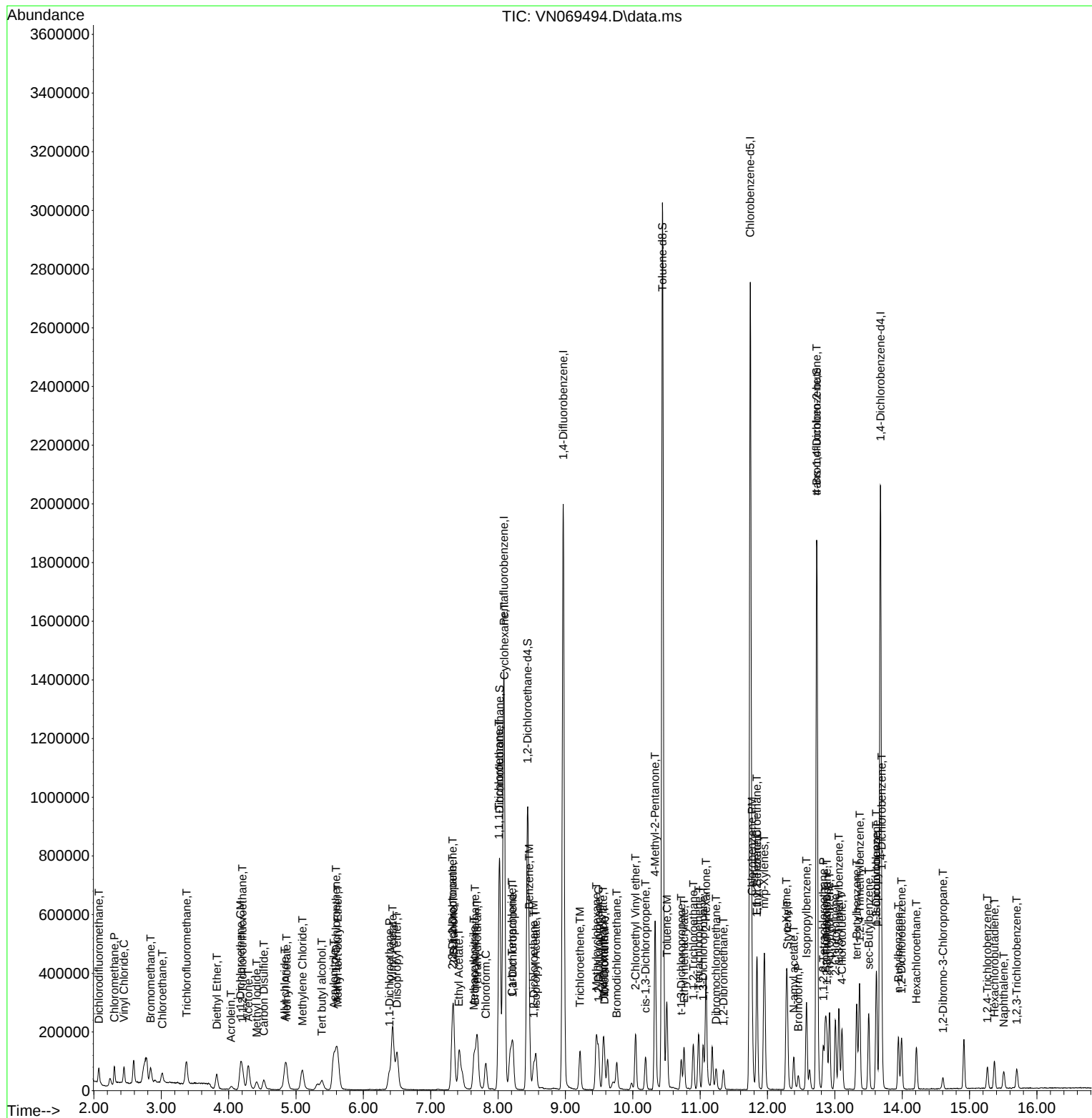
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

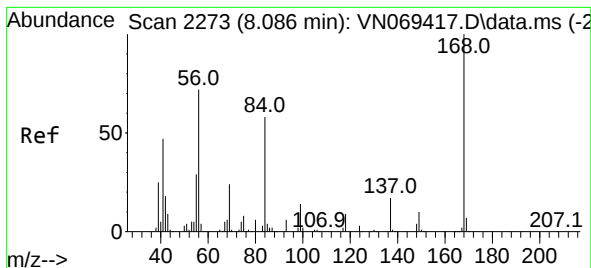
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min MSVOA\_N

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA\_N

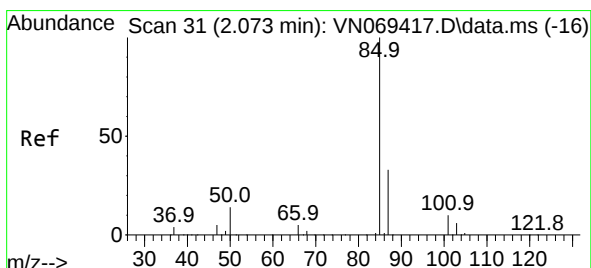
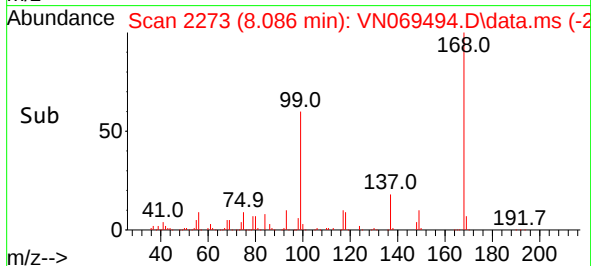
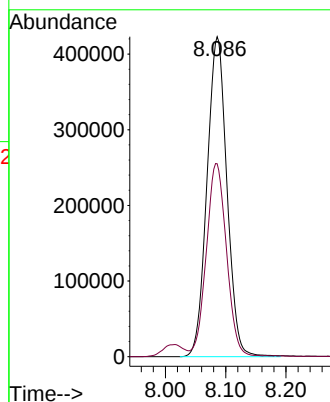
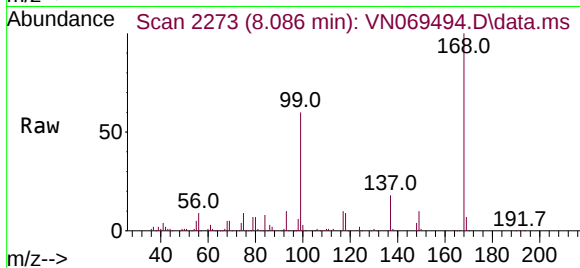
ClientSampleId :

Tgt Ion:168 Resp: 971235

Ion Ratio Lower Upper

168 100

99 60.0 41.3 61.9



#2

Dichlorodifluoromethane

Concen: 3.935 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069494.D

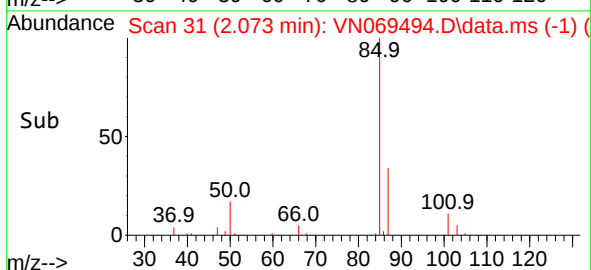
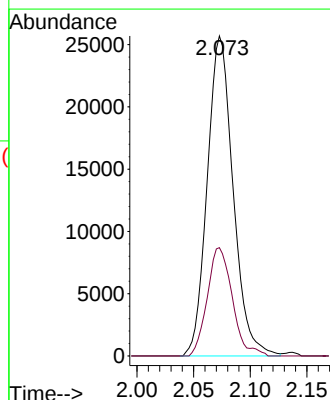
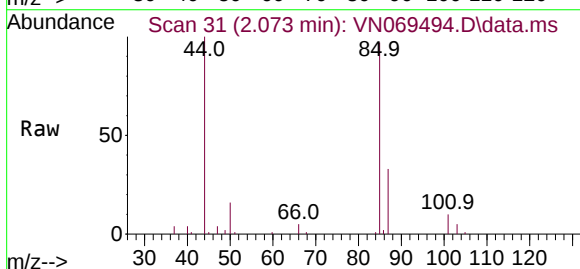
Acq: 15 Nov 2021 16:32

Tgt Ion: 85 Resp: 40826

Ion Ratio Lower Upper

85 100

87 33.8 16.3 48.9

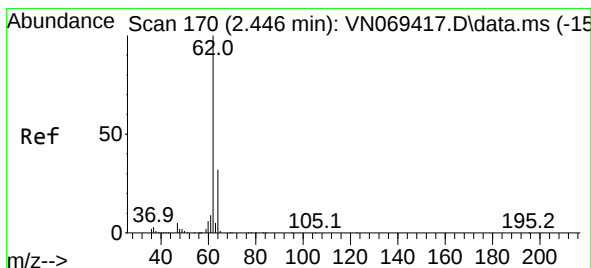
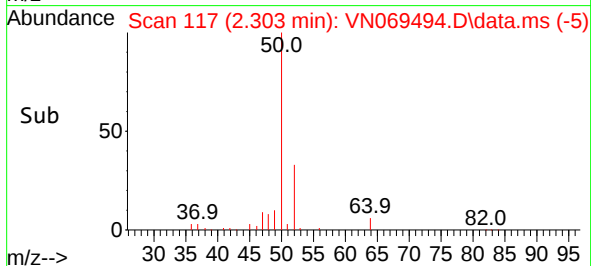
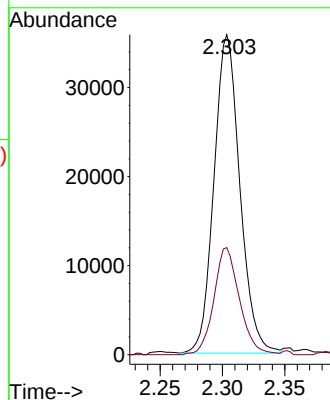
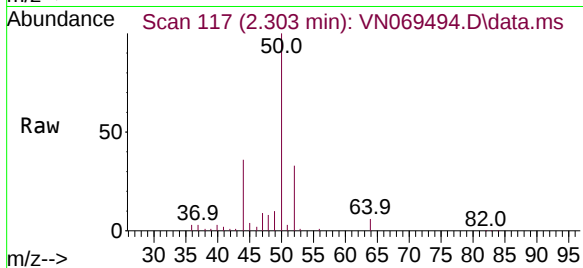




#3  
Chloromethane  
Concen: 4.292 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

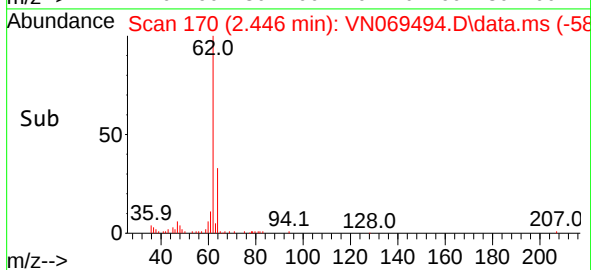
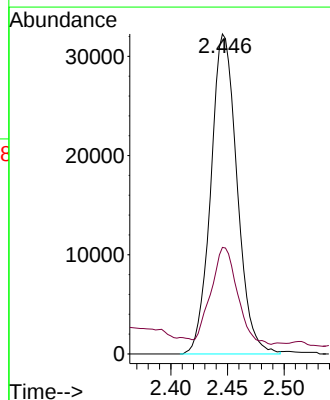
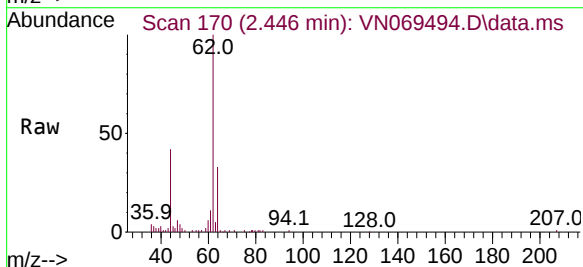
Instrument :  
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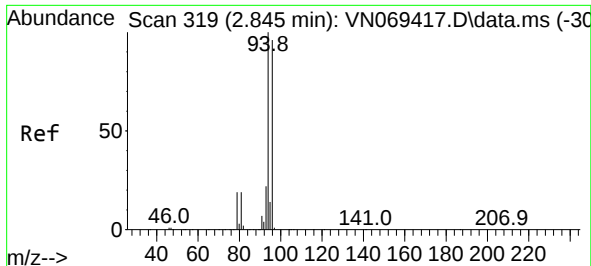
Tgt Ion: 50 Resp: 51644  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.4 38.0



#4  
Vinyl Chloride  
Concen: 4.315 ug/l  
RT: 2.446 min Scan# 170  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 62 Resp: 51988  
Ion Ratio Lower Upper  
62 100  
64 29.9 25.8 38.6

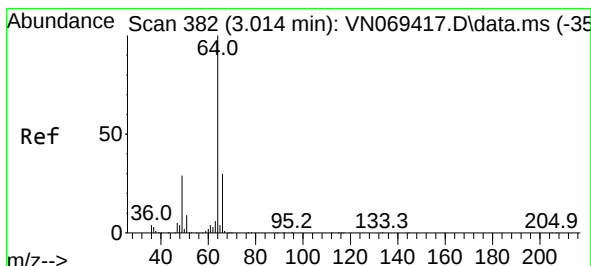
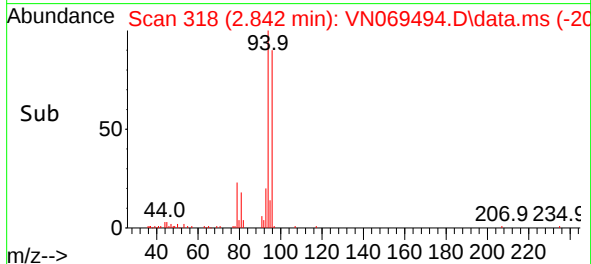
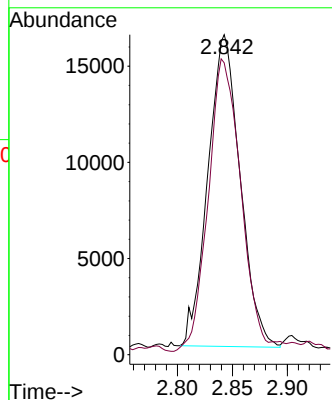
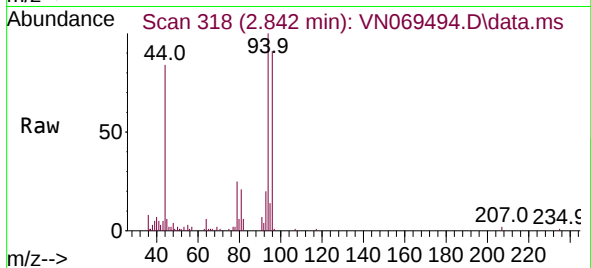




#5  
Bromomethane  
Concen: 4.219 ug/l  
RT: 2.842 min Scan# 319  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

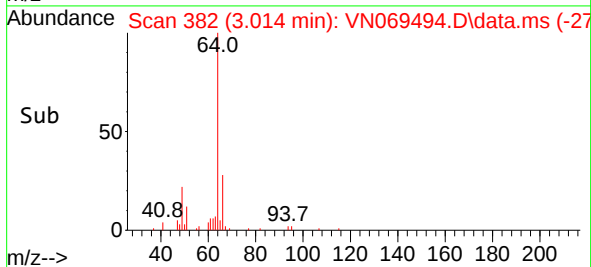
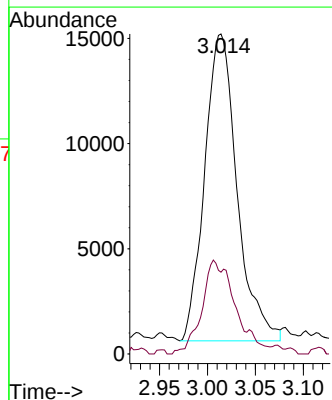
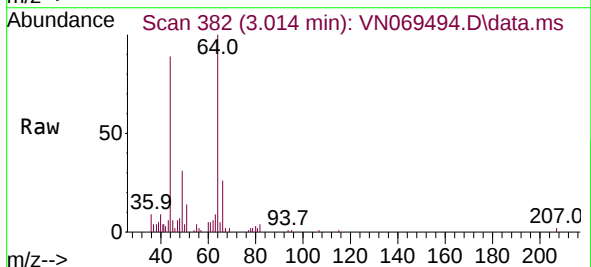
Instrument :  
MSVOA\_N  
ClientSampleId :

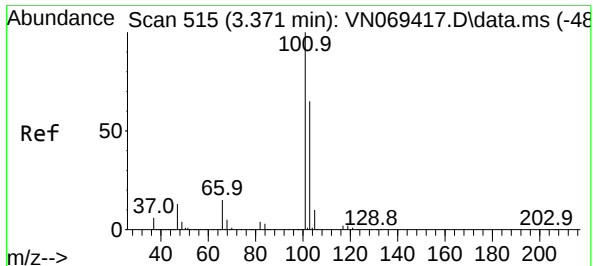
Tgt Ion: 94 Resp: 33013  
Ion Ratio Lower Upper  
94 100  
96 91.7 73.8 110.8



#6  
Chloroethane  
Concen: 4.223 ug/l  
RT: 3.014 min Scan# 382  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 64 Resp: 34341  
Ion Ratio Lower Upper  
64 100  
66 25.1 26.3 39.5#

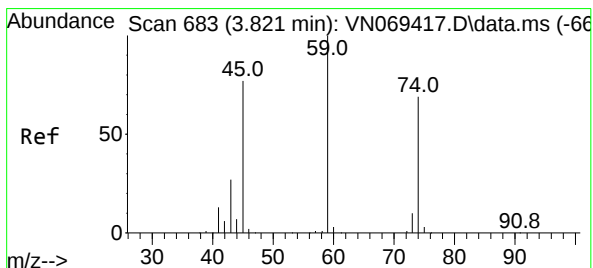
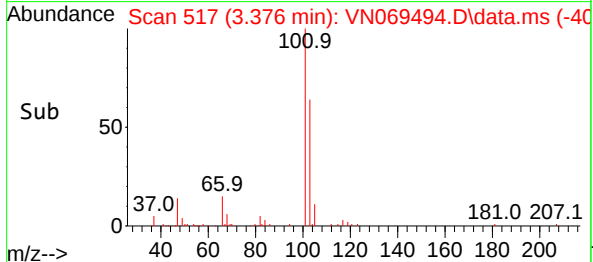
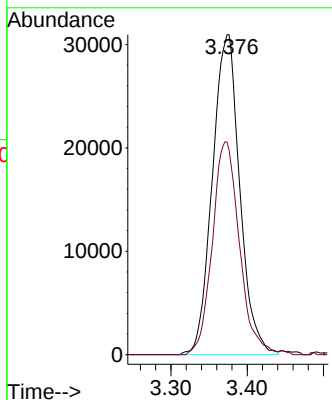
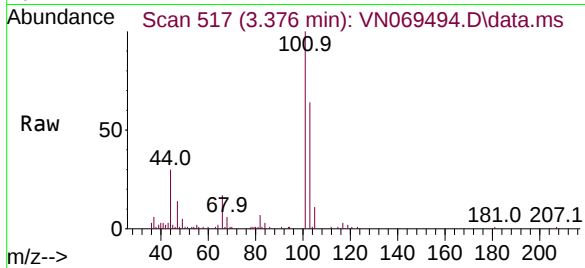




#7  
 Trichlorofluoromethane  
 Concen: 4.144 ug/l  
 RT: 3.376 min Scan# 515  
 Delta R.T. 0.005 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

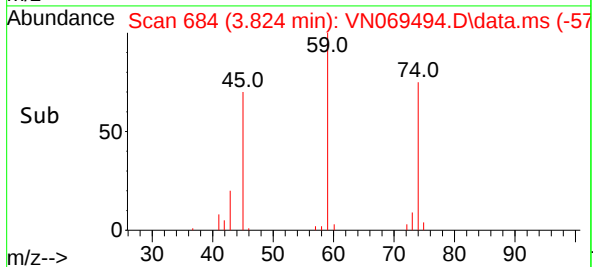
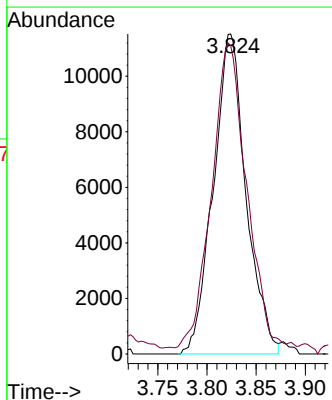
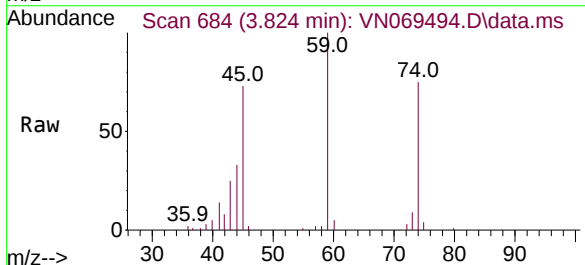
Instrument :  
 MSVOA\_N  
 ClientSampleId :

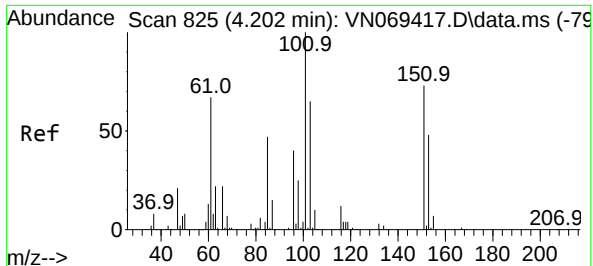
Tgt Ion:101 Resp: 77167  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 4.431 ug/l  
 RT: 3.824 min Scan# 684  
 Delta R.T. 0.003 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

Tgt Ion: 74 Resp: 26695  
 Ion Ratio Lower Upper  
 74 100  
 45 100.9 47.0 141.2

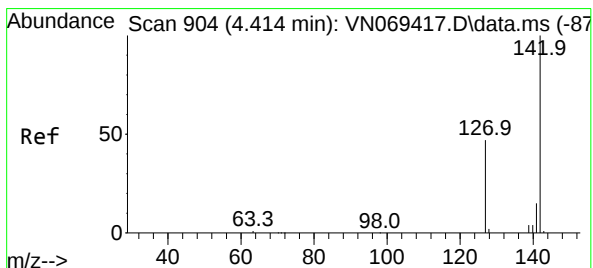
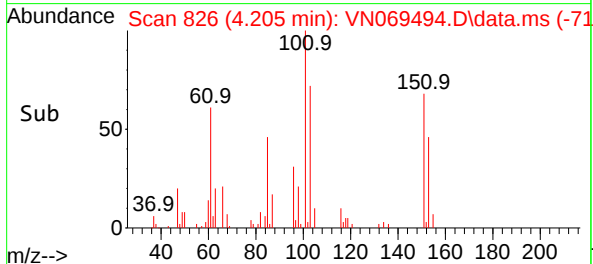
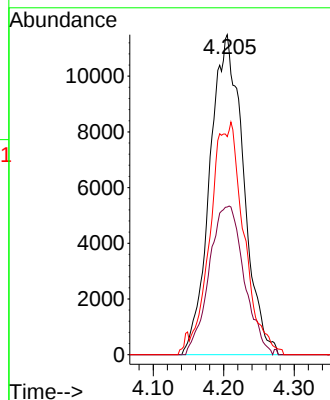
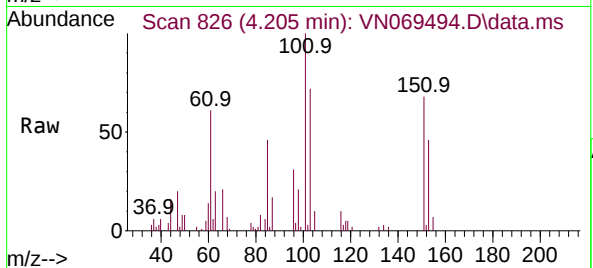




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.336 ug/l  
RT: 4.205 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

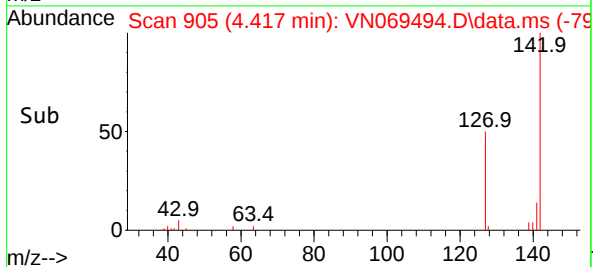
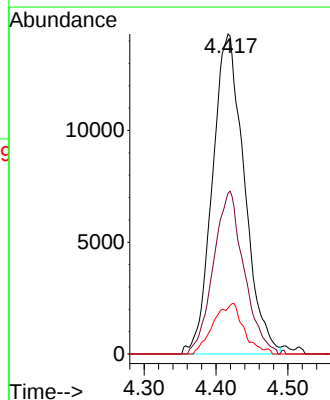
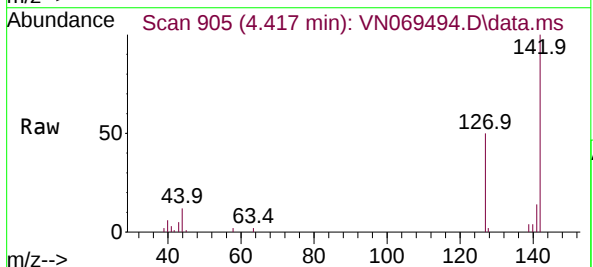
Instrument :  
MSVOA\_N  
ClientSampleId :

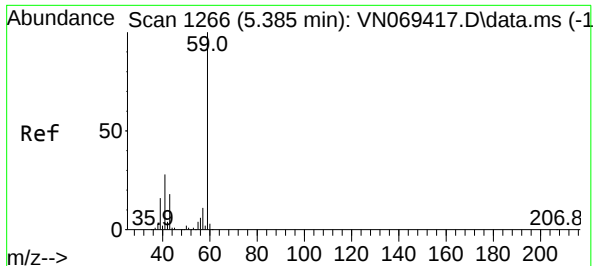
Tgt Ion:101 Resp: 38038  
Ion Ratio Lower Upper  
101 100  
85 48.2 37.2 55.8  
151 71.9 65.9 98.9



#10  
Methyl Iodide  
Concen: 4.081 ug/l  
RT: 4.417 min Scan# 905  
Delta R.T. 0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion:142 Resp: 43912  
Ion Ratio Lower Upper  
142 100  
127 49.0 35.4 53.0  
141 15.0 11.6 17.4

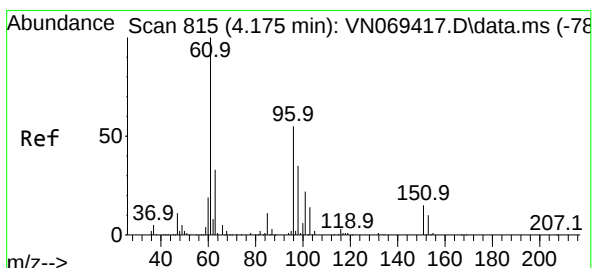
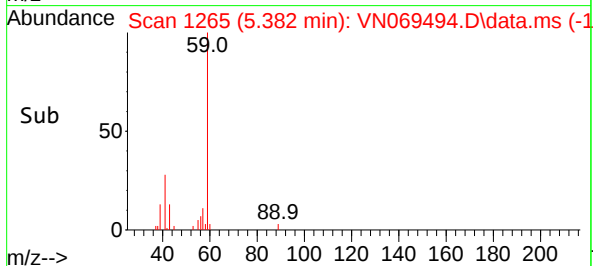
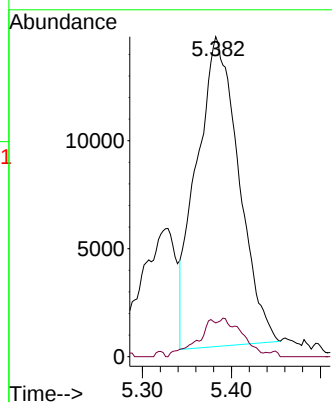
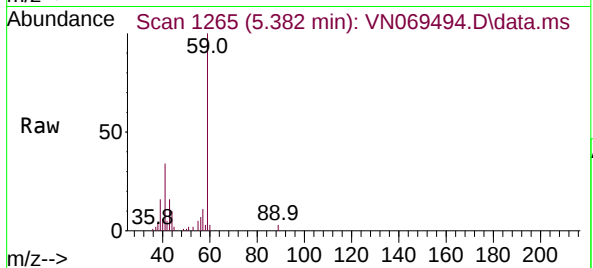




#11  
Tert butyl alcohol  
Concen: 18.625 ug/l  
RT: 5.382 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

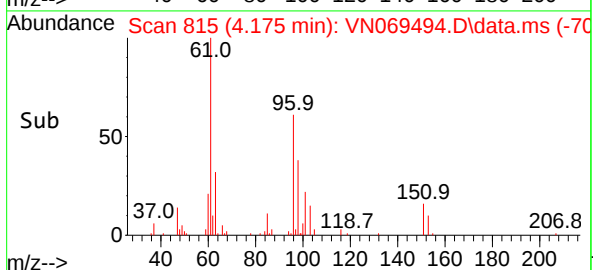
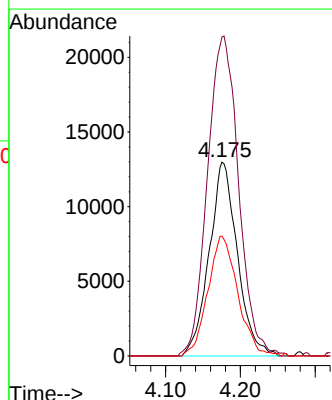
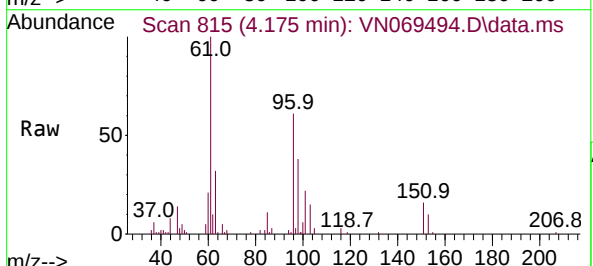
Instrument :  
MSVOA\_N  
ClientSampleId :

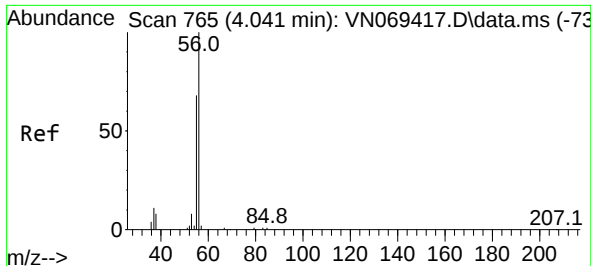
Tgt Ion: 59 Resp: 47262  
Ion Ratio Lower Upper  
59 100  
57 5.3 8.7 13.1#



#12  
1,1-Dichloroethene  
Concen: 4.332 ug/l  
RT: 4.175 min Scan# 815  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 96 Resp: 34100  
Ion Ratio Lower Upper  
96 100  
61 163.1 131.0 196.6  
98 61.8 52.4 78.6

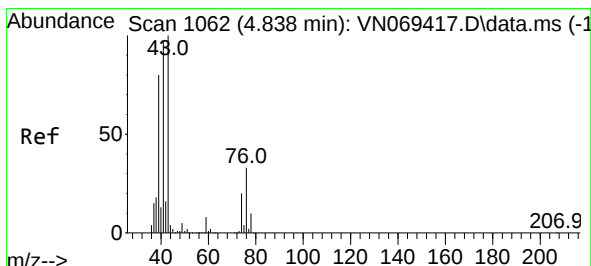
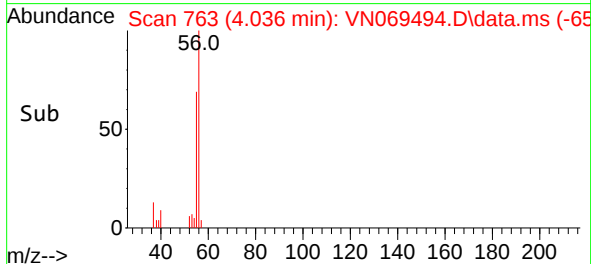
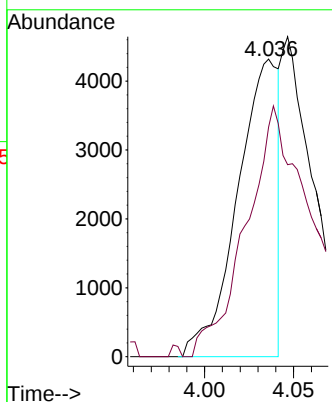
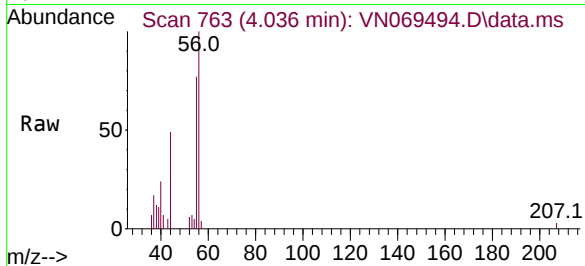




#13  
Acrolein  
Concen: 12.801 ug/l  
RT: 4.036 min Scan# 763  
Delta R.T. -0.005 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

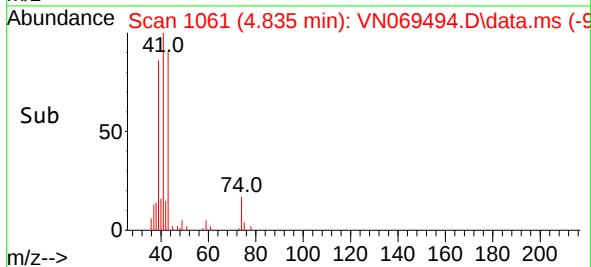
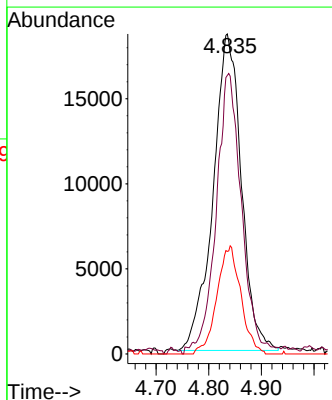
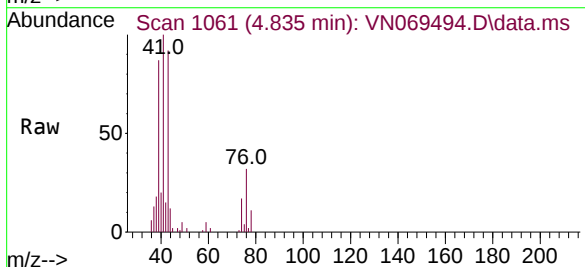
Instrument :  
MSVOA\_N  
ClientSampleId :

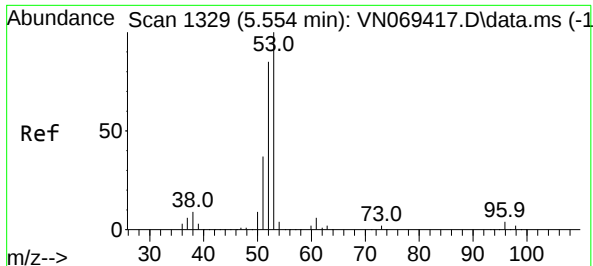
Tgt Ion: 56 Resp: 6854  
Ion Ratio Lower Upper  
56 100  
55 131.5 56.6 85.0#



#14  
Allyl chloride  
Concen: 3.995 ug/l  
RT: 4.835 min Scan# 1061  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 41 Resp: 69524  
Ion Ratio Lower Upper  
41 100  
39 74.8 61.2 91.8  
76 28.8 26.0 39.0





#15

Acrylonitrile

Concen: 21.570 ug/l

RT: 5.562 min Scan# 11

Delta R.T. 0.008 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA\_N

ClientSampleId :

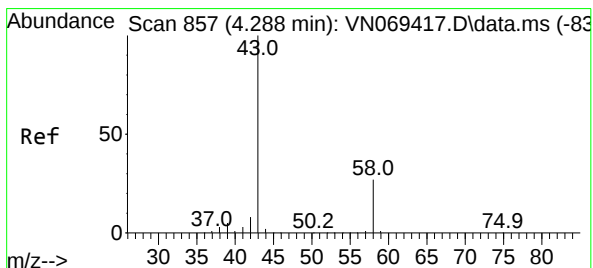
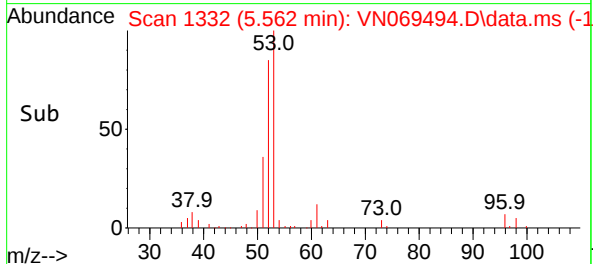
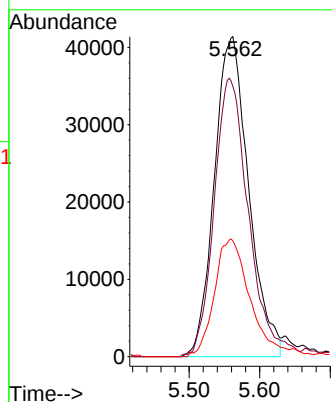
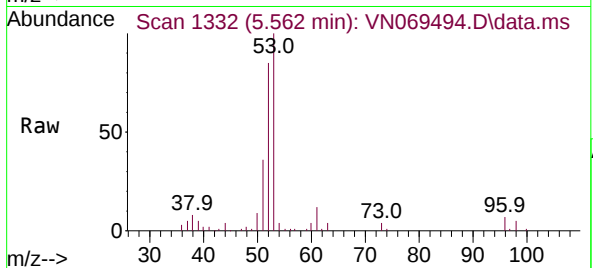
Tgt Ion: 53 Resp: 140169

Ion Ratio Lower Upper

53 100

52 87.2 66.2 99.2

51 37.9 29.6 44.4



#16

Acetone

Concen: 20.706 ug/l

RT: 4.293 min Scan# 859

Delta R.T. 0.005 min

Lab File: VN069494.D

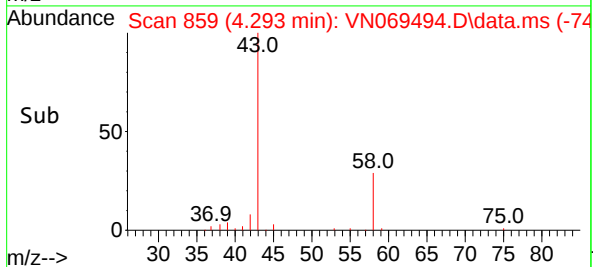
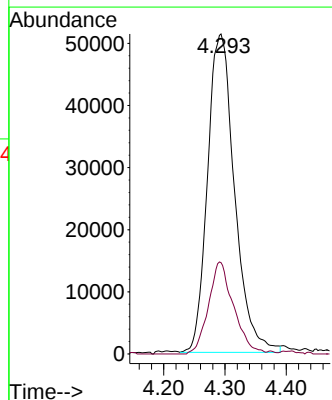
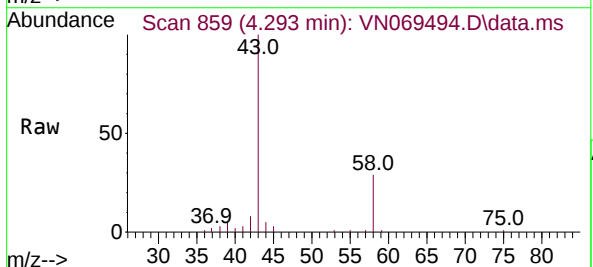
Acq: 15 Nov 2021 16:32

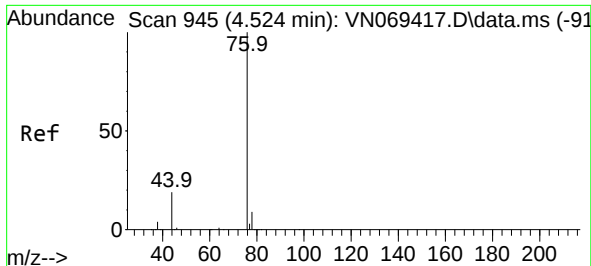
Tgt Ion: 43 Resp: 157325

Ion Ratio Lower Upper

43 100

58 28.7 23.1 34.7

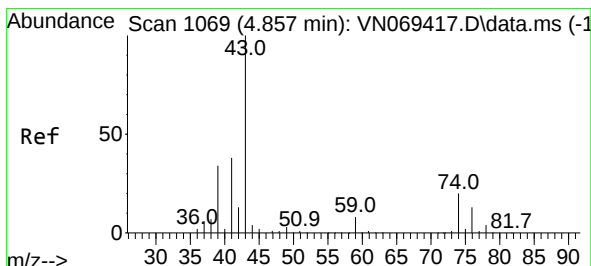
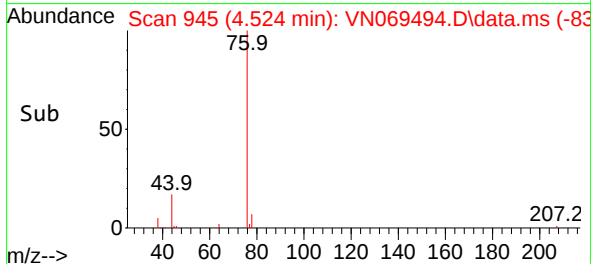
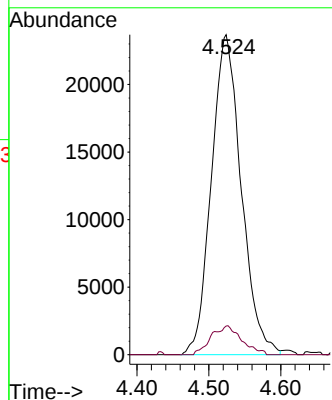
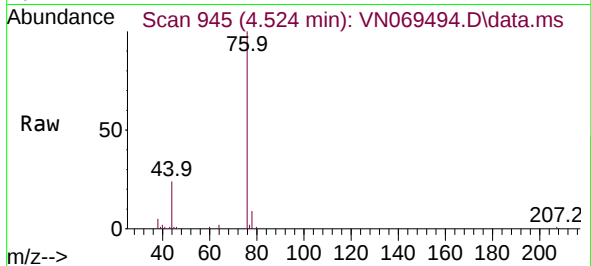




#17  
Carbon Disulfide  
Concen: 3.671 ug/l  
RT: 4.524 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

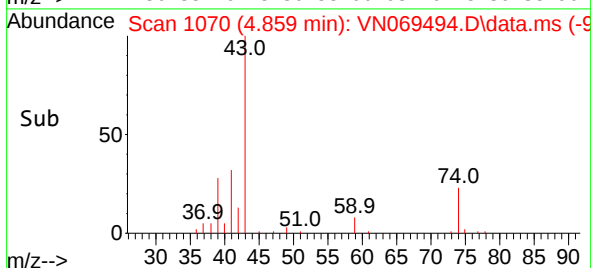
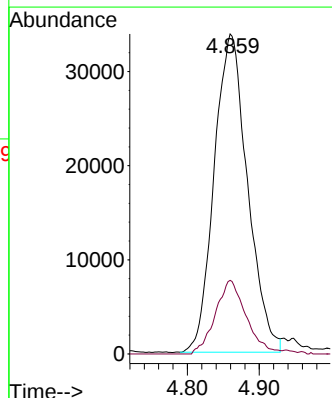
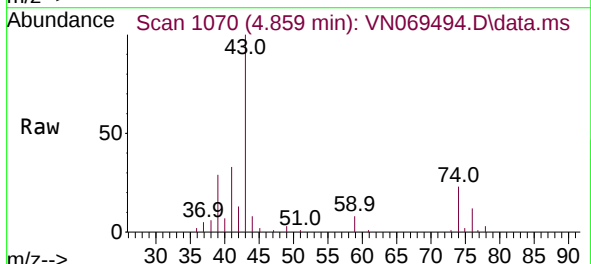
Instrument :  
MSVOA\_N  
ClientSampleId :

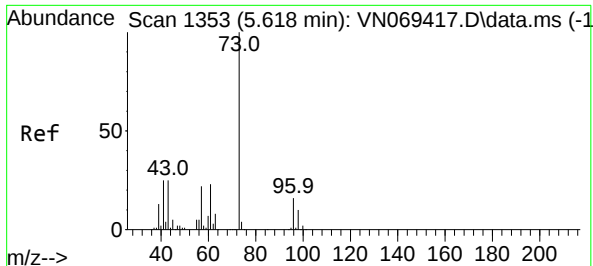
Tgt Ion: 76 Resp: 68310  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.5 11.3



#18  
Methyl Acetate  
Concen: 4.413 ug/l  
RT: 4.859 min Scan# 1070  
Delta R.T. 0.002 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 43 Resp: 108993  
Ion Ratio Lower Upper  
43 100  
74 21.4 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 4.256 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA\_N

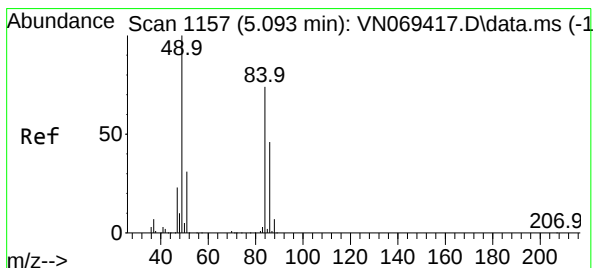
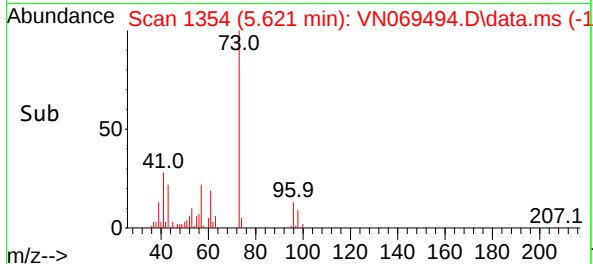
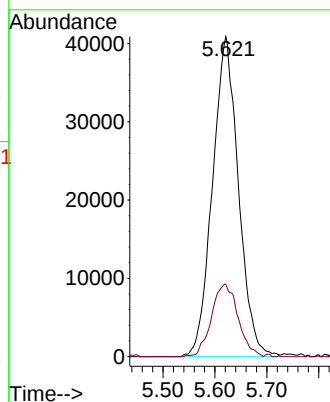
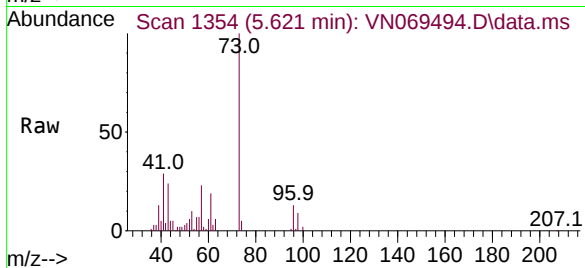
ClientSampleId :

Tgt Ion: 73 Resp: 141801

Ion Ratio Lower Upper

73 100

57 22.6 16.8 25.2



#20

Methylene Chloride

Concen: 4.484 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Tgt Ion: 84 Resp: 48314

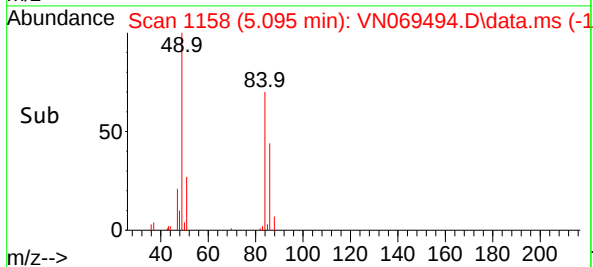
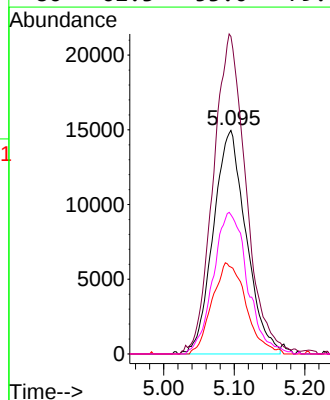
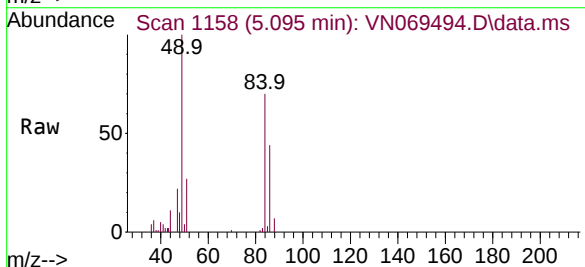
Ion Ratio Lower Upper

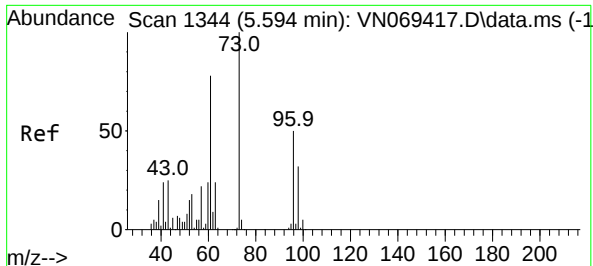
84 100

49 141.9 93.5 140.3#

51 38.9 29.4 44.2

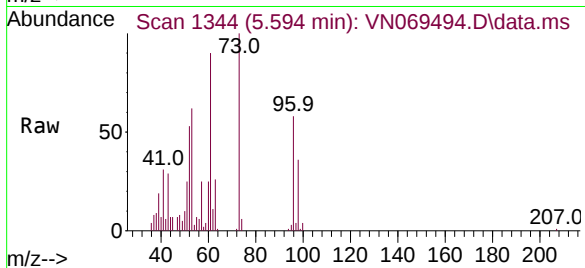
86 62.3 53.0 79.4





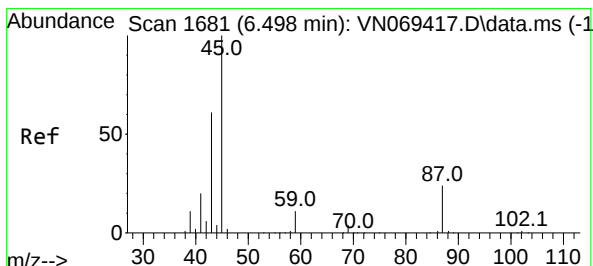
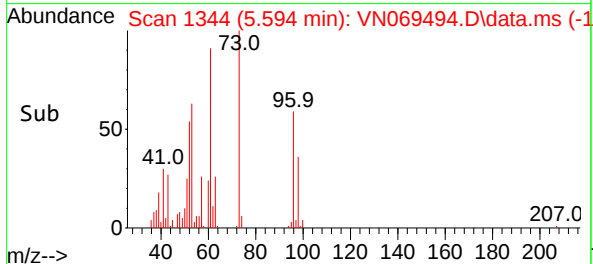
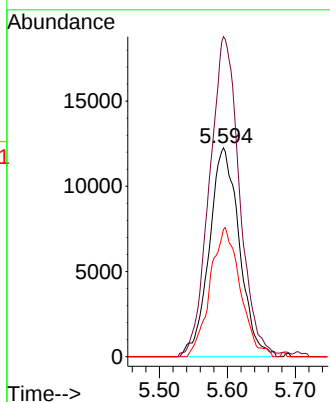
#21  
trans-1,2-Dichloroethene  
Concen: 4.283 ug/l  
RT: 5.594 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 96 Resp: 37658

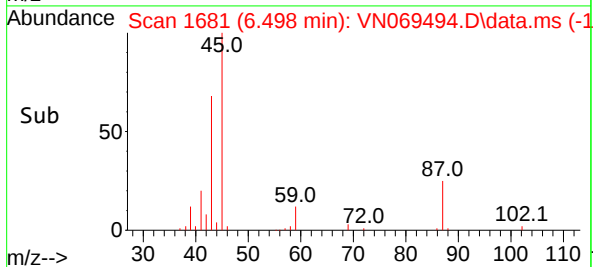
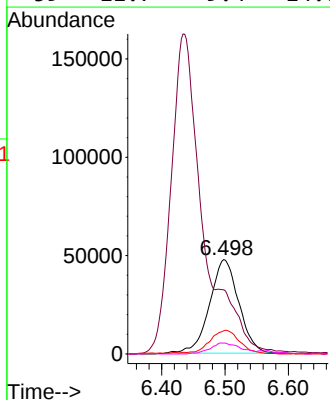
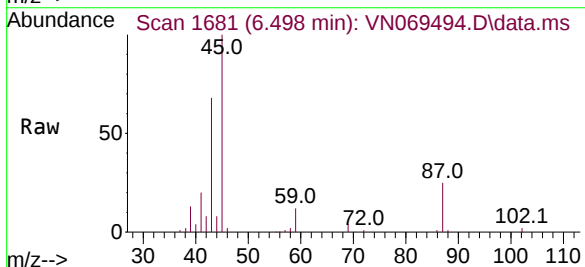
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 153.3 | 105.8 | 158.6 |
| 98  | 61.0  | 52.0  | 78.0  |

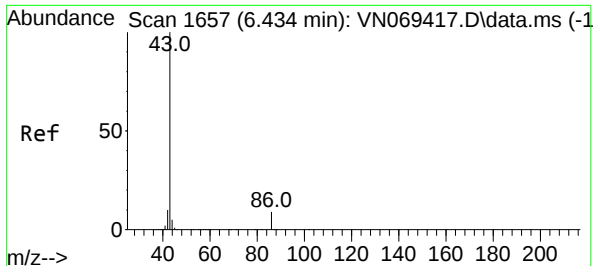


#22  
Diisopropyl ether  
Concen: 4.039 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 45 Resp: 151412

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 65.3  | 51.7  | 77.5  |
| 87  | 24.8  | 23.2  | 34.8  |
| 59  | 11.7  | 9.4   | 14.0  |

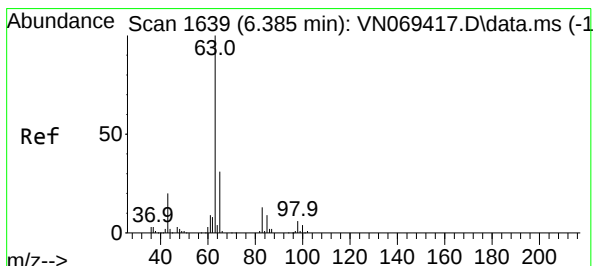
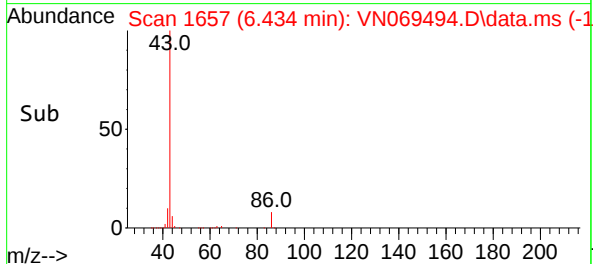
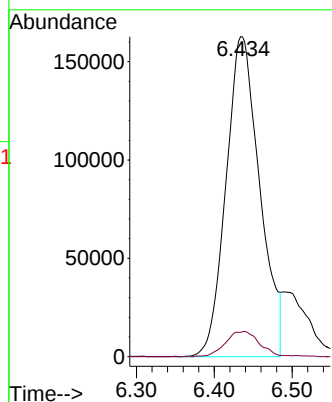
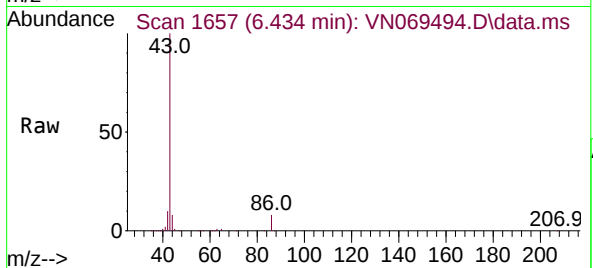




#23  
 Vinyl Acetate  
 Concen: 16.876 ug/l  
 RT: 6.434 min Scan# 1  
 Delta R.T. -0.000 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

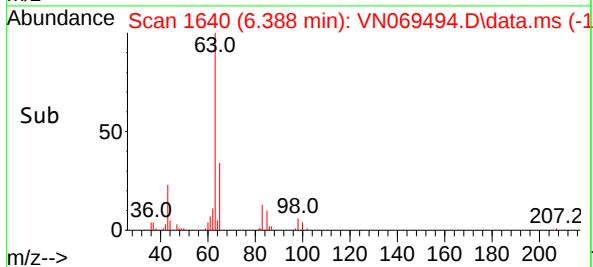
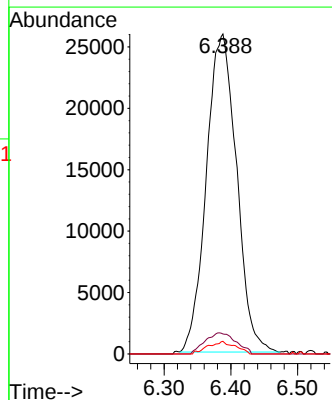
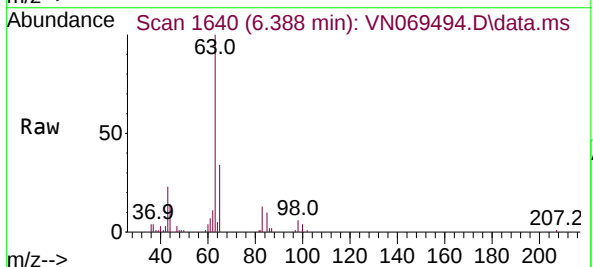
Instrument :  
 MSVOA\_N  
 ClientSampleId :

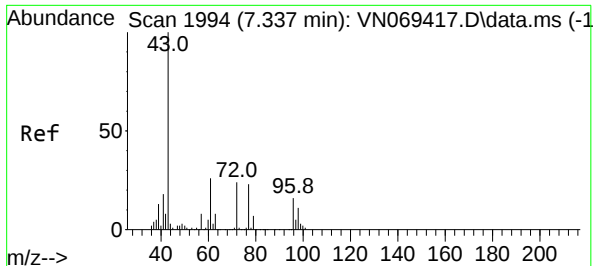
Tgt Ion: 43 Resp: 489333  
 Ion Ratio Lower Upper  
 43 100  
 86 7.6 8.5 12.7#



#24  
 1,1-Dichloroethane  
 Concen: 4.261 ug/l  
 RT: 6.388 min Scan# 1640  
 Delta R.T. 0.003 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

Tgt Ion: 63 Resp: 81360  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.3 9.9  
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 21.073 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA\_N

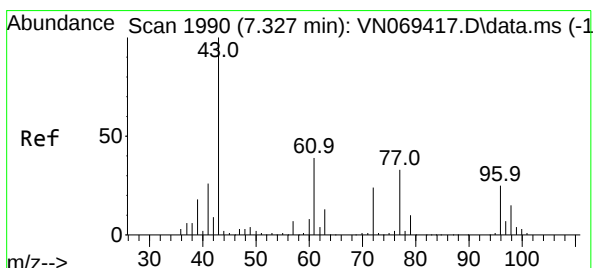
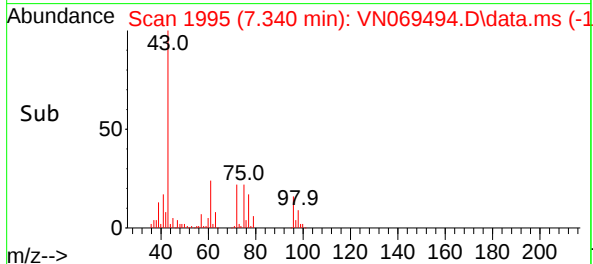
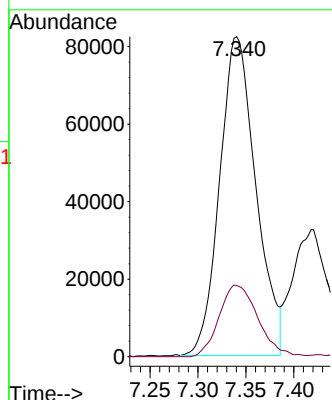
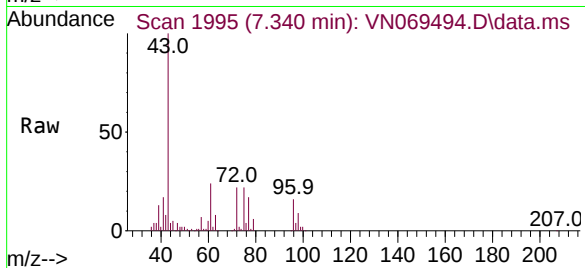
ClientSampleId :

Tgt Ion: 43 Resp: 216804

Ion Ratio Lower Upper

43 100

72 22.3 21.7 32.5



#26

2,2-Dichloropropane

Concen: 3.950 ug/l

RT: 7.321 min Scan# 1988

Delta R.T. -0.006 min

Lab File: VN069494.D

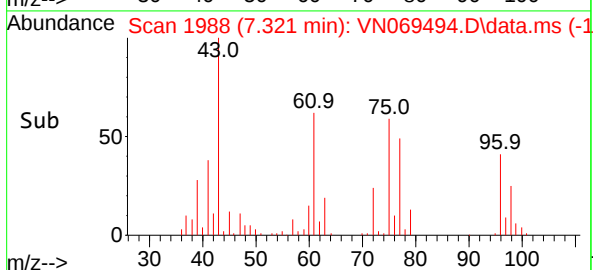
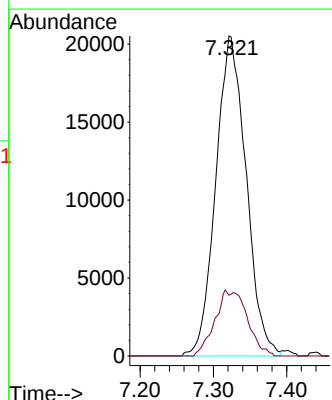
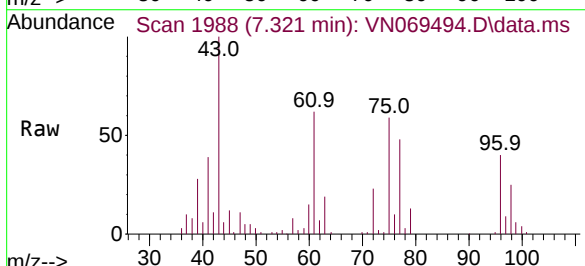
Acq: 15 Nov 2021 16:32

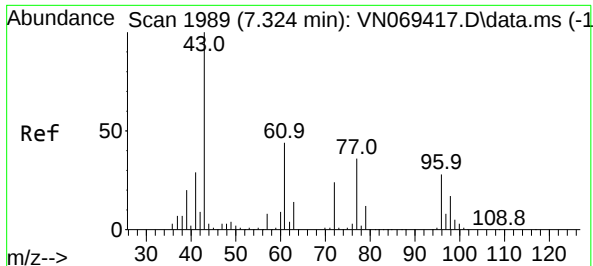
Tgt Ion: 77 Resp: 59013

Ion Ratio Lower Upper

77 100

97 10.0 11.6 34.8#

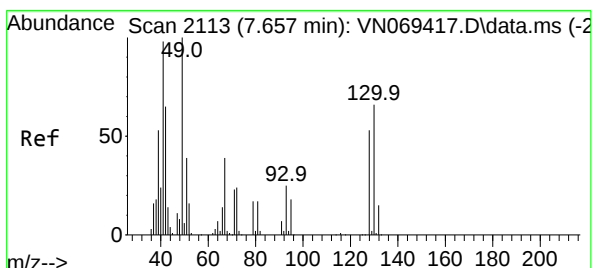
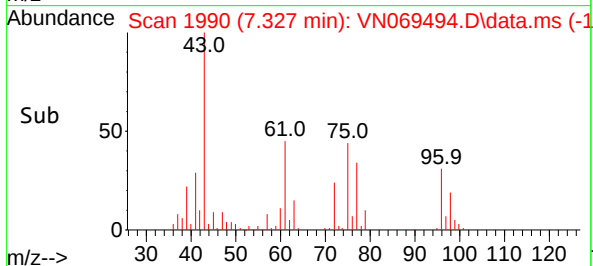
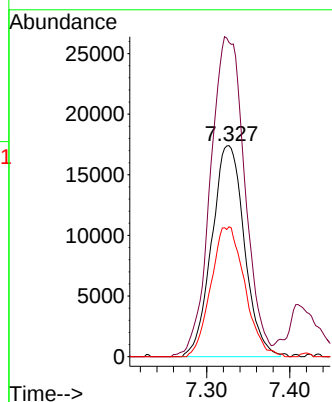
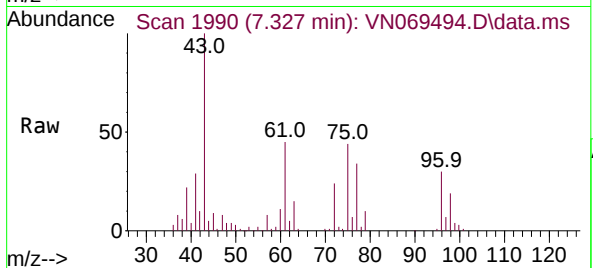




#27  
 cis-1,2-Dichloroethene  
 Concen: 4.357 ug/l  
 RT: 7.327 min Scan# 1989  
 Delta R.T. 0.003 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

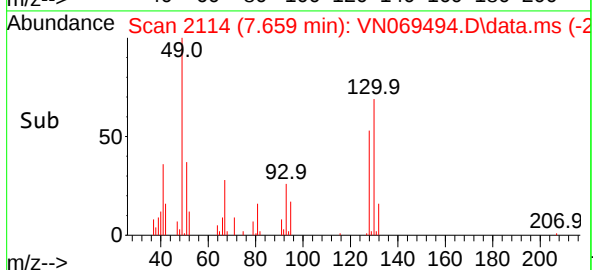
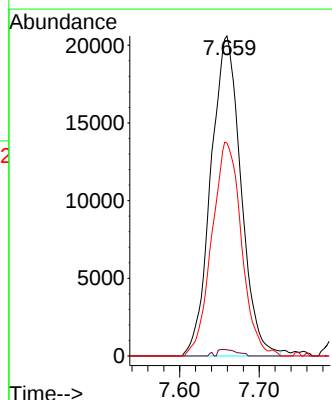
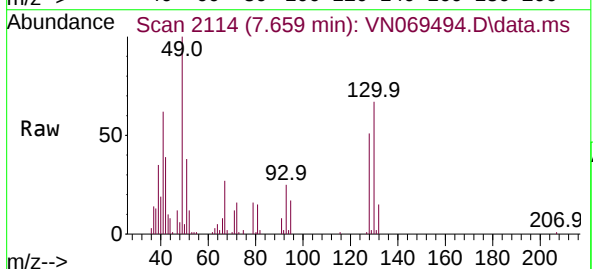
Instrument :  
 MSVOA\_N  
 ClientSampleId :

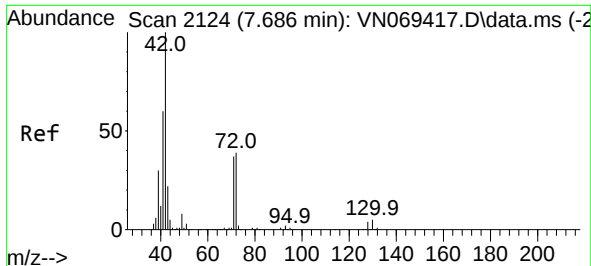
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.4 | 0.0   | 275.0 |
| 98      | 63.8  | 0.0   | 129.6 |



#28  
 Bromochloromethane  
 Concen: 5.528 ug/l  
 RT: 7.659 min Scan# 2114  
 Delta R.T. 0.002 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.3   | 0.0   | 4.0   |
| 130     | 65.5  | 67.8  | 101.8 |





#29

Tetrahydrofuran

Concen: 21.119 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.005 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA\_N

ClientSampleId :

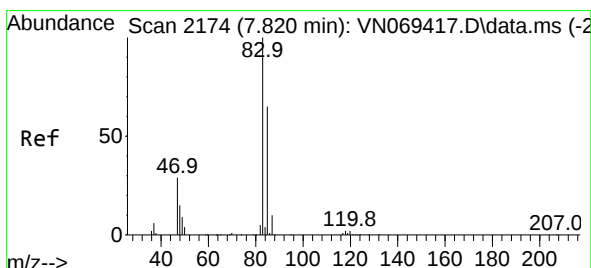
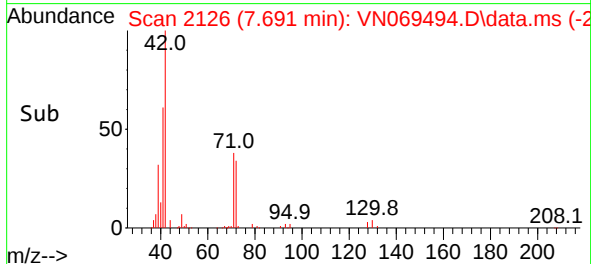
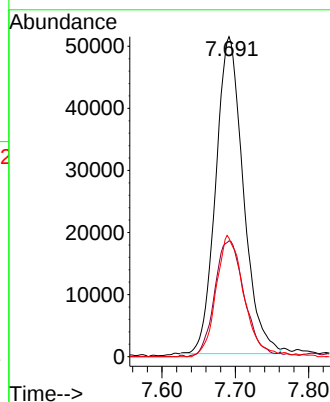
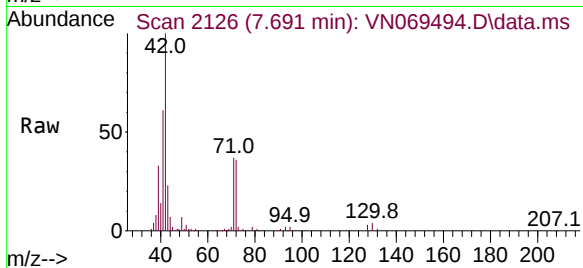
Tgt Ion: 42 Resp: 133341

Ion Ratio Lower Upper

42 100

72 39.3 36.3 54.5

71 38.2 34.7 52.1



#30

Chloroform

Concen: 4.345 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069494.D

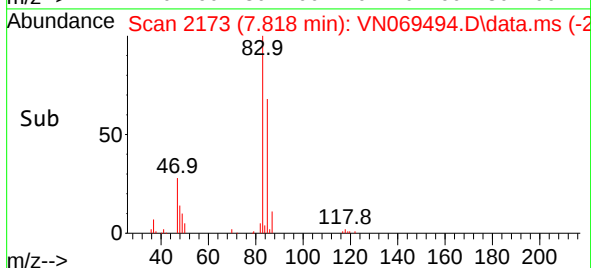
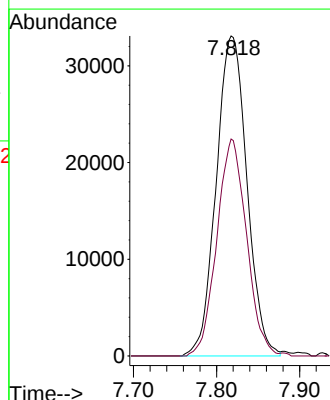
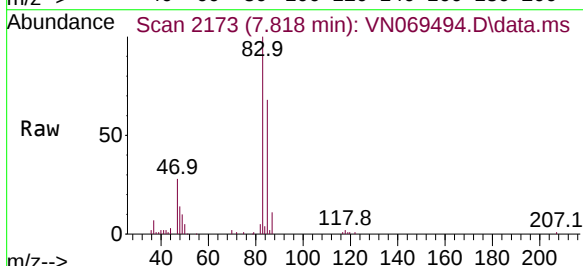
Acq: 15 Nov 2021 16:32

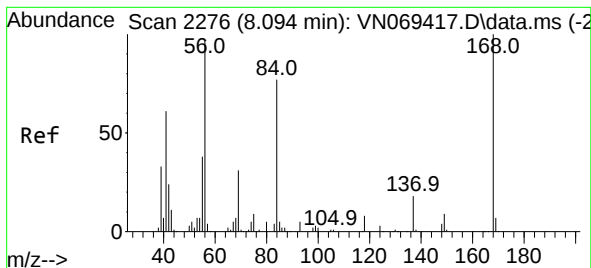
Tgt Ion: 83 Resp: 85066

Ion Ratio Lower Upper

83 100

85 67.8 51.9 77.9





#31

Cyclohexane

Concen: 5.227 ug/l

RT: 8.094 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA\_N

ClientSampleId :

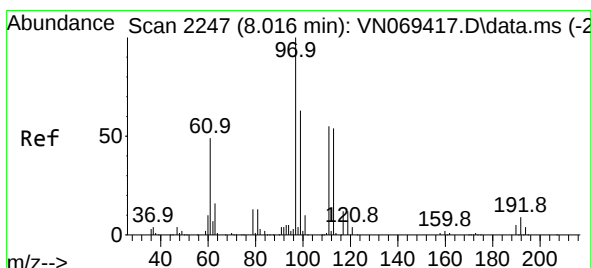
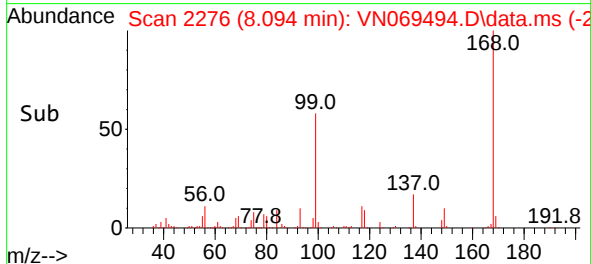
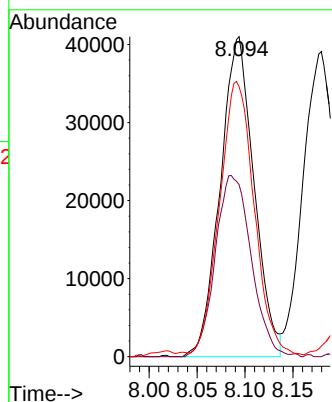
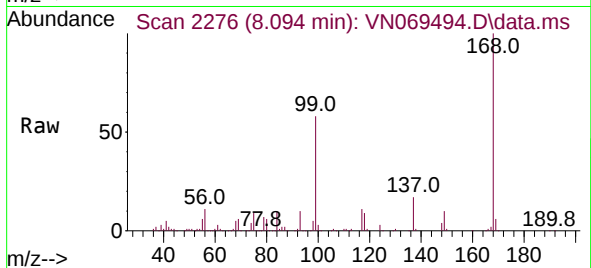
Tgt Ion: 56 Resp: 100557

Ion Ratio Lower Upper

56 100

69 53.8 27.1 40.7#

84 83.1 73.4 110.0



#32

1,1,1-Trichloroethane

Concen: 4.148 ug/l

RT: 8.013 min Scan# 2246

Delta R.T. -0.003 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

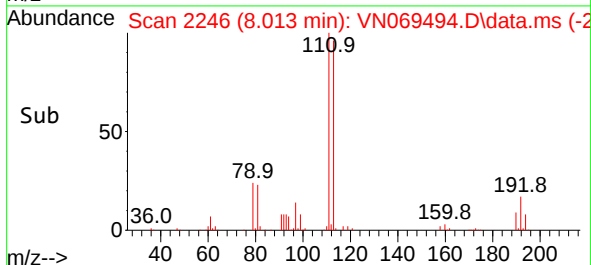
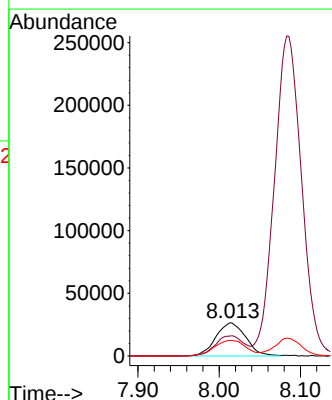
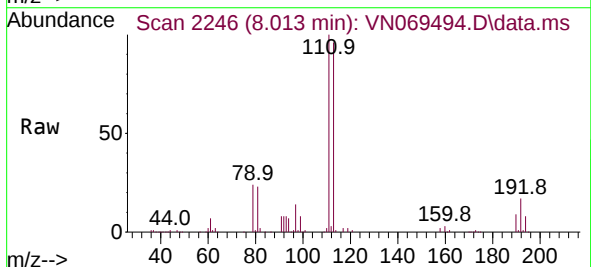
Tgt Ion: 97 Resp: 67774

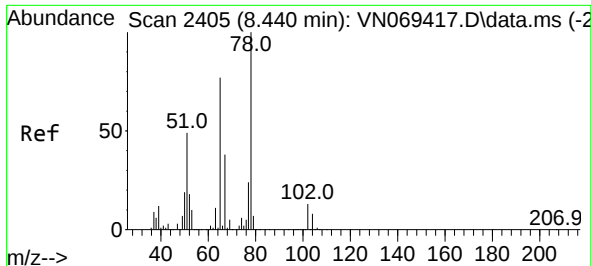
Ion Ratio Lower Upper

97 100

99 57.3 50.1 75.1

61 49.5 35.2 52.8

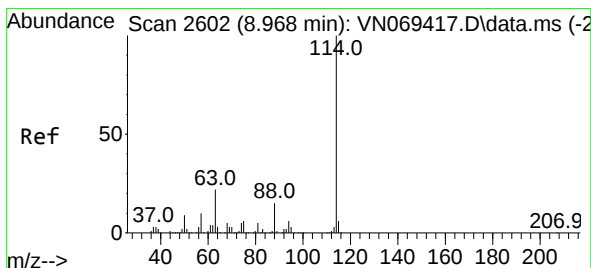
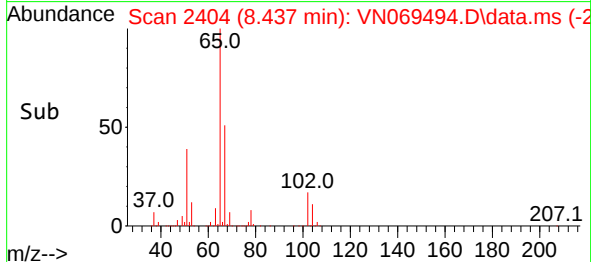
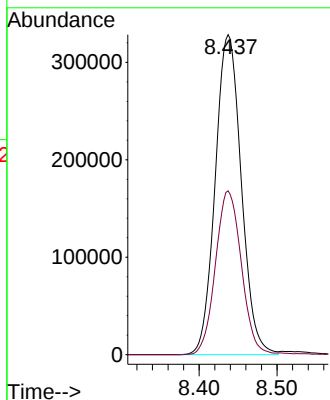
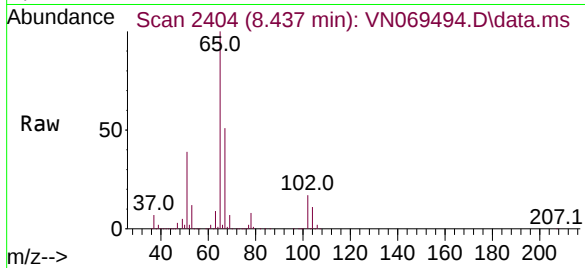




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.155 ug/l  
 RT: 8.437 min Scan# 2405  
 Delta R.T. -0.003 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

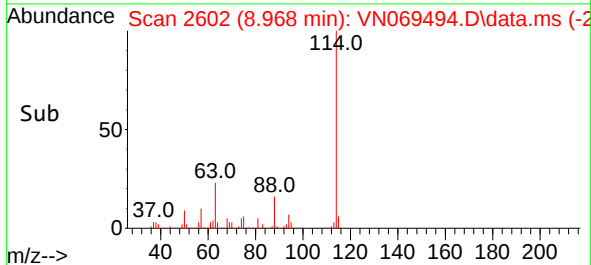
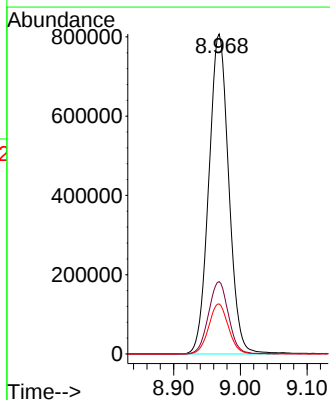
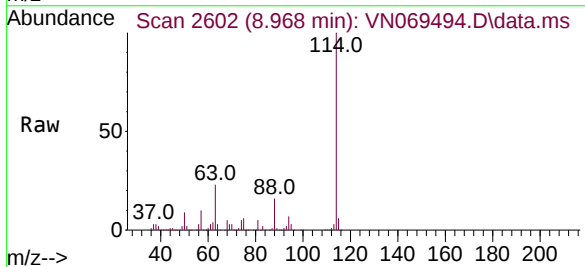
Instrument :  
 MSVOA\_N  
 ClientSampleId :

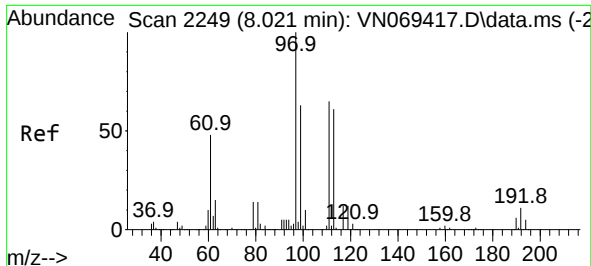
Tgt Ion: 65 Resp: 762631  
 Ion Ratio Lower Upper  
 65 100  
 67 50.8 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.968 min Scan# 2602  
 Delta R.T. 0.000 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

Tgt Ion: 114 Resp: 1673614  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 0.0 37.8  
 88 15.6 0.0 27.4

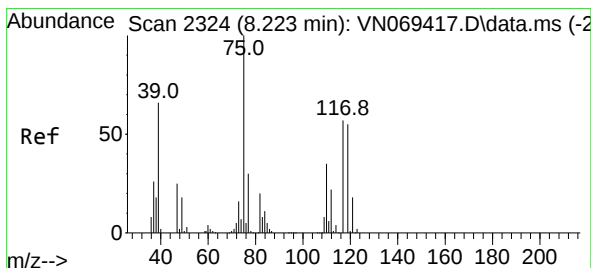
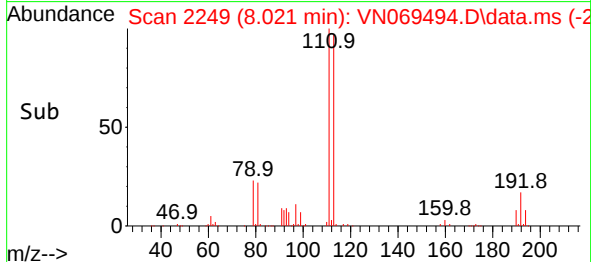
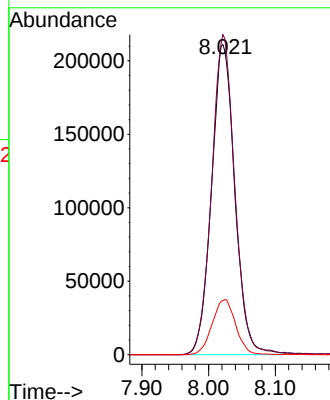
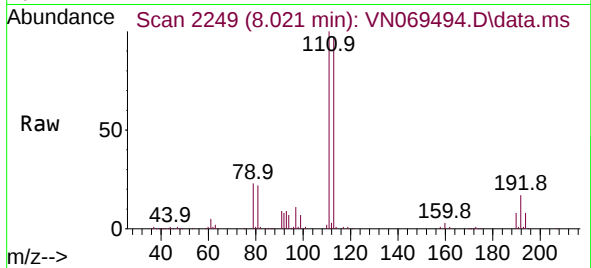




#35  
Dibromofluoromethane  
Concen: 50.943 ug/l  
RT: 8.021 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

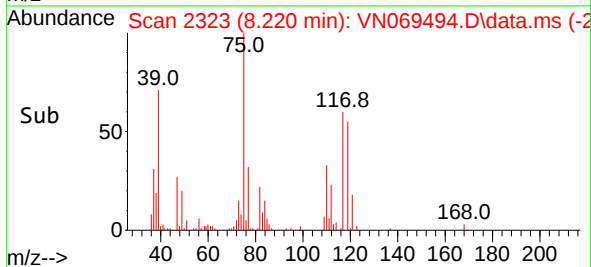
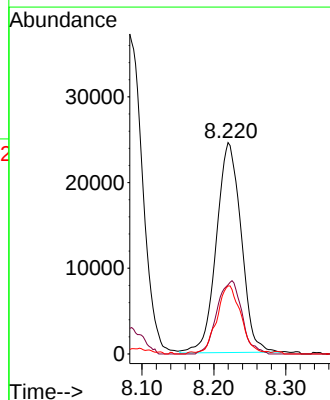
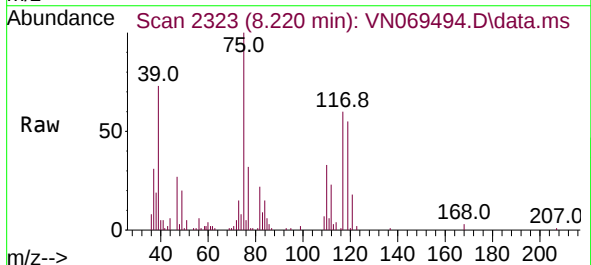
Instrument :  
MSVOA\_N  
ClientSampleId :

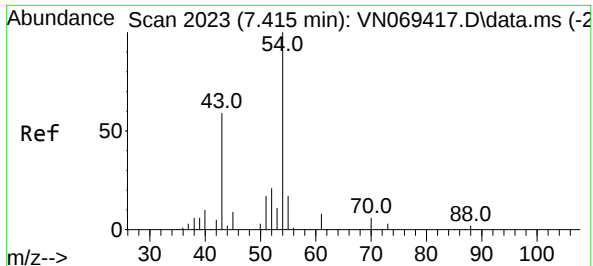
Tgt Ion:113 Resp: 511347  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.2 123.2  
192 18.0 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 4.160 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 75 Resp: 58585  
Ion Ratio Lower Upper  
75 100  
110 35.1 18.4 55.2  
77 29.8 24.4 36.6

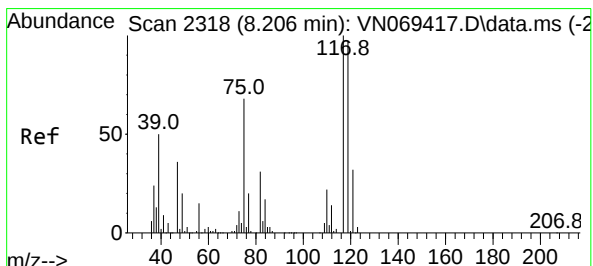
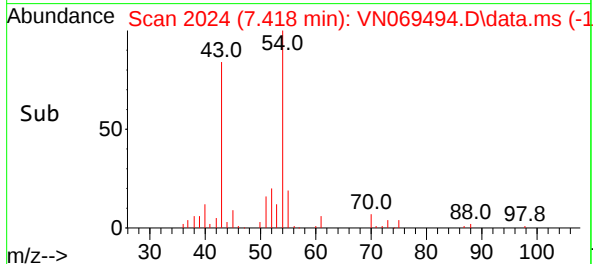
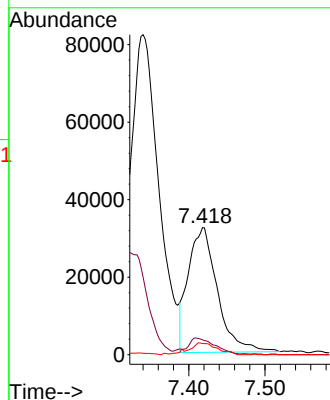
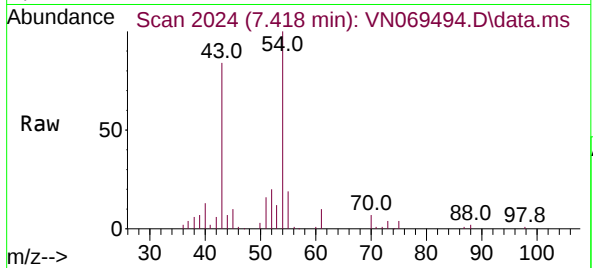




#37  
Ethyl Acetate  
Concen: 4.497 ug/l  
RT: 7.418 min Scan# 2024  
Delta R.T. 0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

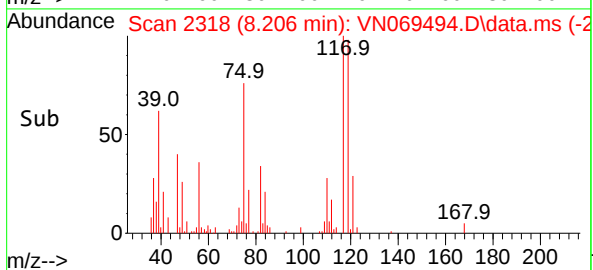
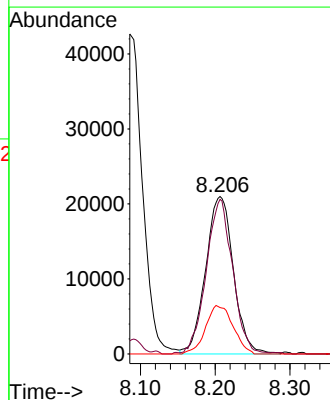
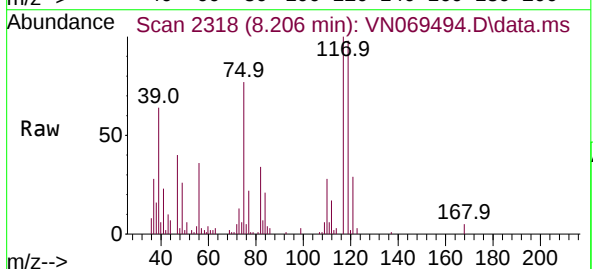
Instrument :  
MSVOA\_N  
ClientSampleId :

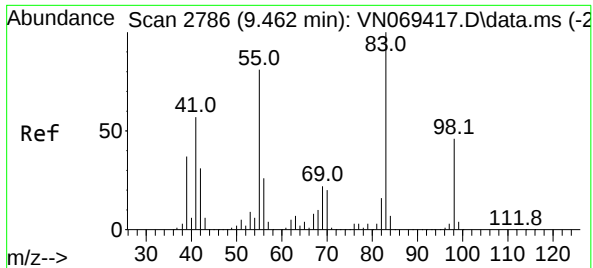
Tgt Ion: 43 Resp: 85613  
Ion Ratio Lower Upper  
43 100  
61 11.9 11.5 17.3  
70 4.9 7.9 11.9#



#38  
Carbon Tetrachloride  
Concen: 3.985 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 117 Resp: 54180  
Ion Ratio Lower Upper  
117 100  
119 97.4 76.1 114.1  
121 29.4 24.2 36.2





#39

Methylcyclohexane

Concen: 3.939 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA\_N

ClientSampleId :

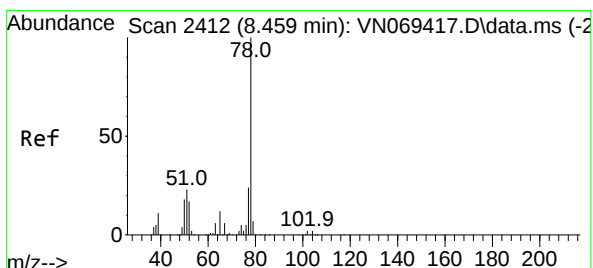
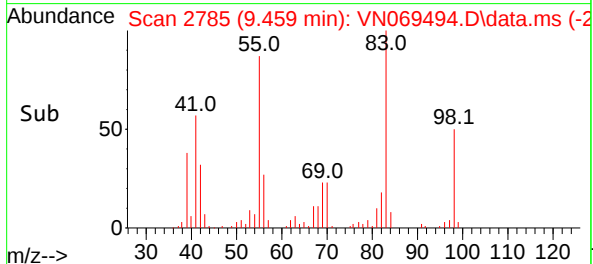
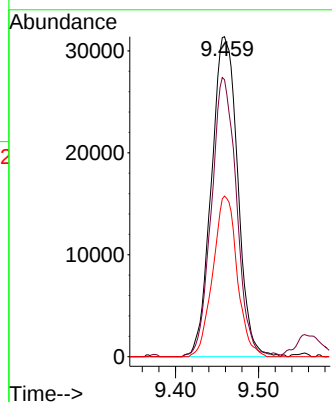
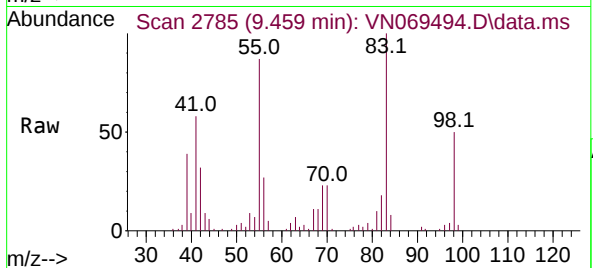
Tgt Ion: 83 Resp: 68999

Ion Ratio Lower Upper

83 100

55 86.6 58.1 87.1

98 50.2 38.4 57.6



#40

Benzene

Concen: 4.321 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.002 min

Lab File: VN069494.D

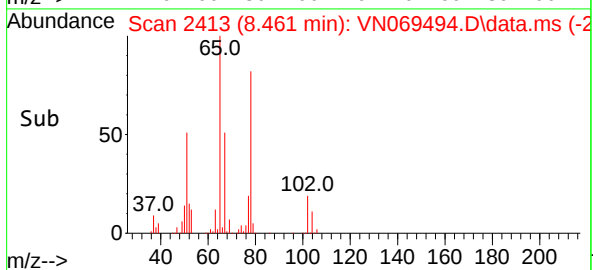
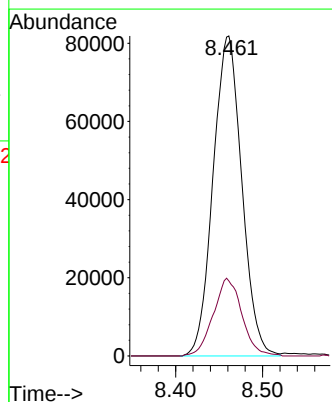
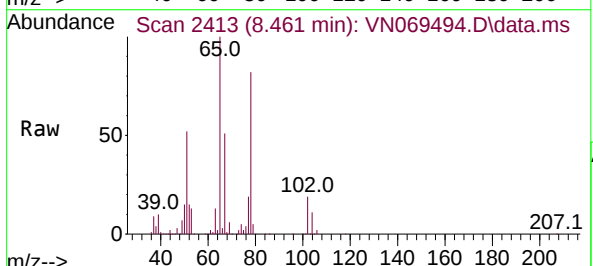
Acq: 15 Nov 2021 16:32

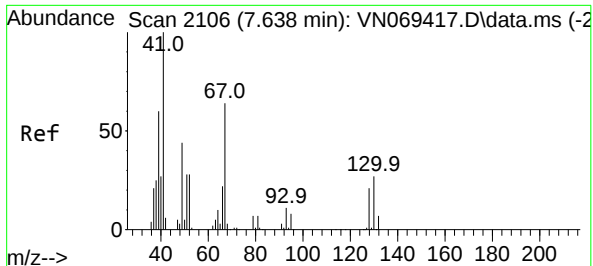
Tgt Ion: 78 Resp: 187831

Ion Ratio Lower Upper

78 100

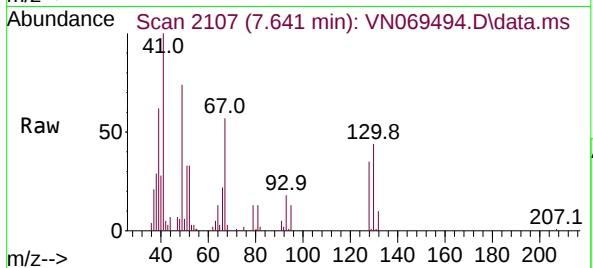
77 23.5 18.6 27.8



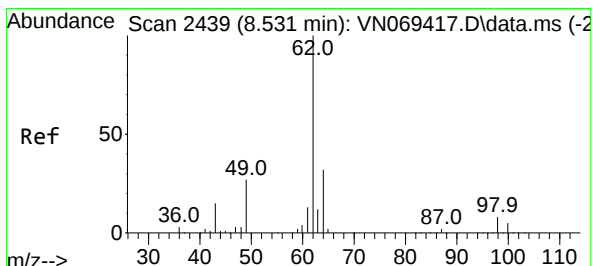
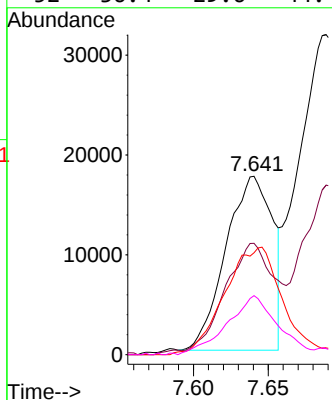
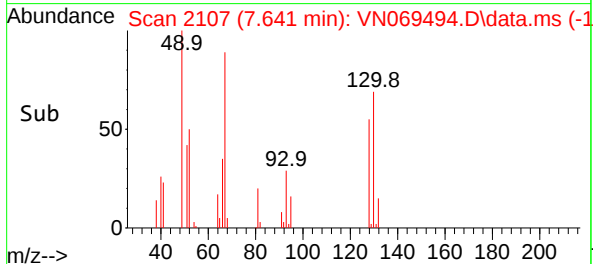


#41  
Methacrylonitrile  
Concen: 3.841 ug/l  
RT: 7.641 min Scan# 2106  
Delta R.T. 0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Instrument :  
MSVOA\_N  
ClientSampleId :

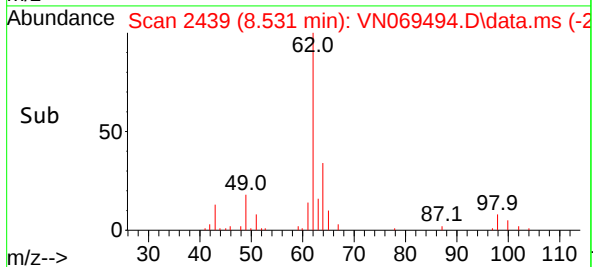
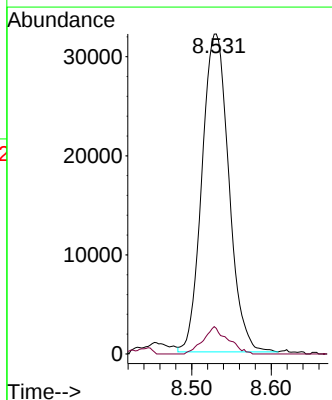
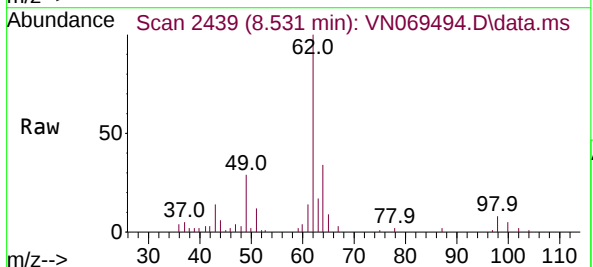


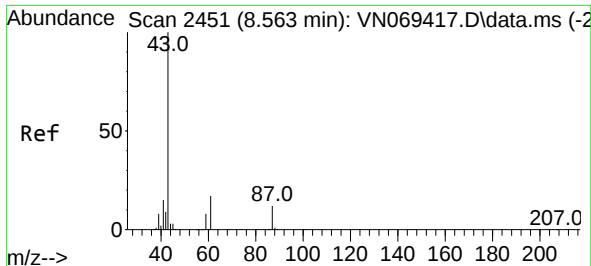
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 37777 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 65.9  | 48.1  | 72.1  |
| 67       | 76.6  | 68.3  | 102.5 |
| 52       | 36.4  | 29.6  | 44.4  |



#42  
1,2-Dichloroethane  
Concen: 4.429 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 75389 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.9   | 0.0   | 17.6  |

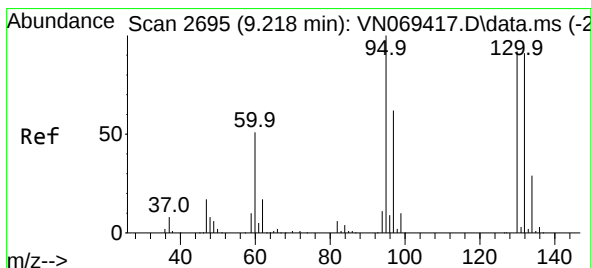
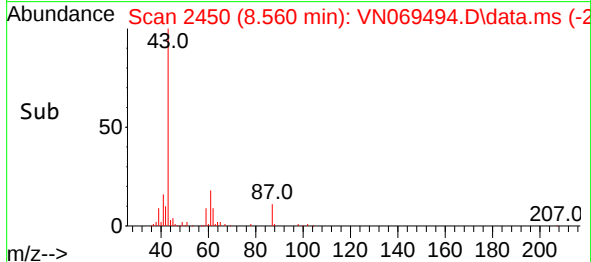
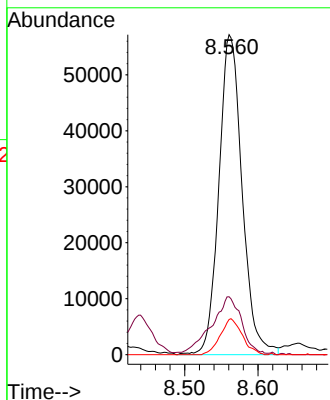
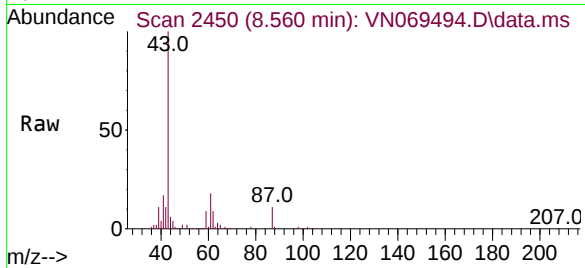




#43  
Isopropyl Acetate  
Concen: 4.117 ug/l  
RT: 8.560 min Scan# 2451  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

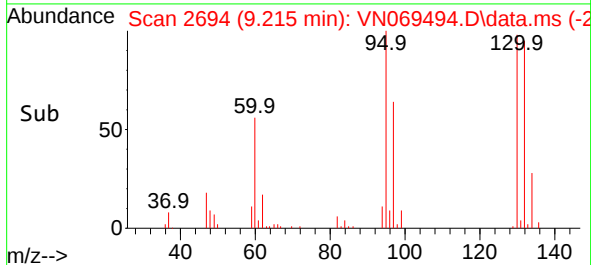
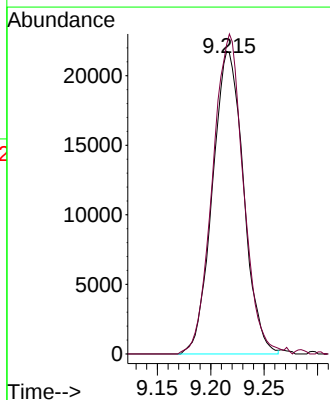
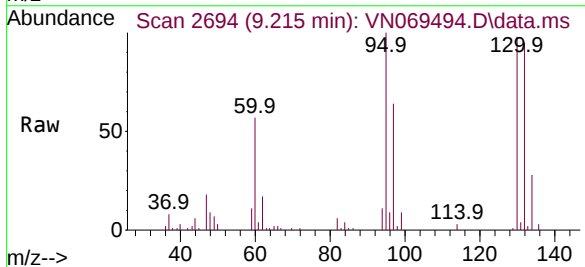
Instrument :  
MSVOA\_N  
ClientSampleId :

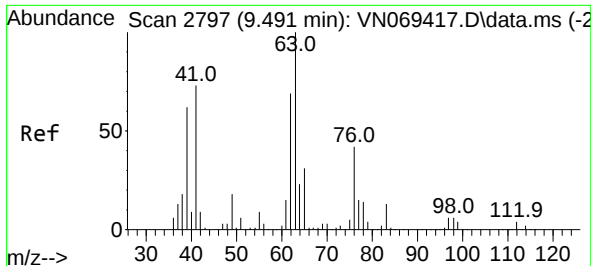
Tgt Ion: 43 Resp: 125871  
Ion Ratio Lower Upper  
43 100  
61 22.7 20.4 30.6  
87 10.6 11.2 16.8#



#44  
Trichloroethene  
Concen: 4.231 ug/l  
RT: 9.215 min Scan# 2694  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion:130 Resp: 44017  
Ion Ratio Lower Upper  
130 100  
95 102.2 0.0 191.2

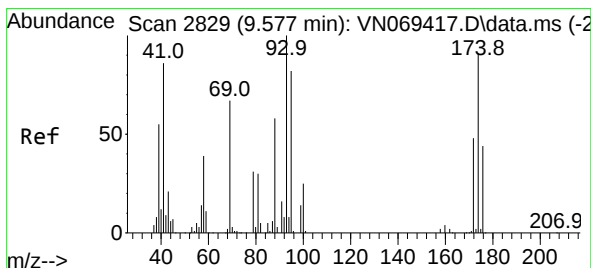
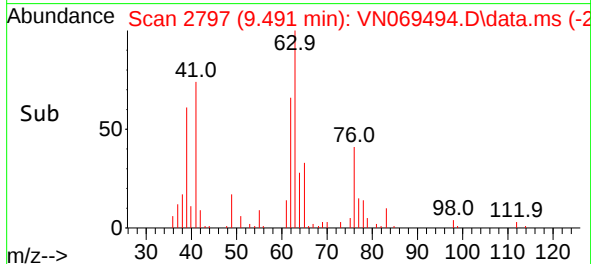
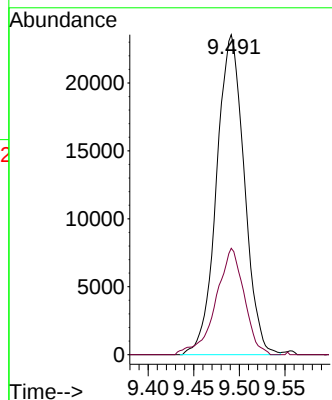
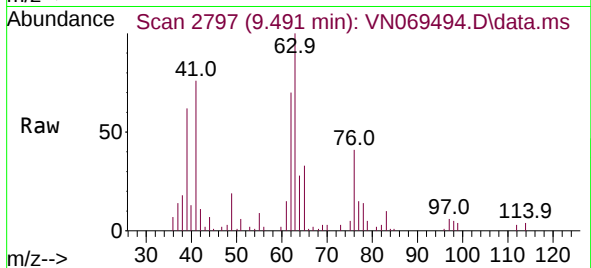




#45  
1,2-Dichloropropane  
Concen: 4.279 ug/l  
RT: 9.491 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

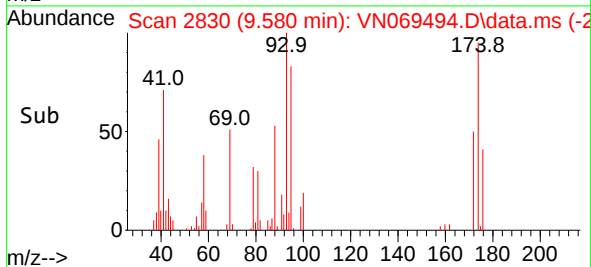
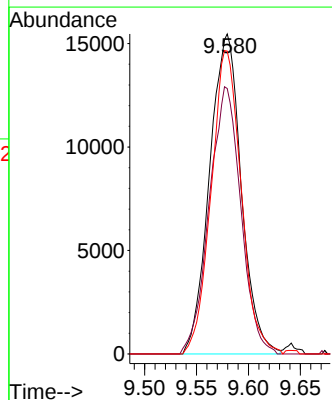
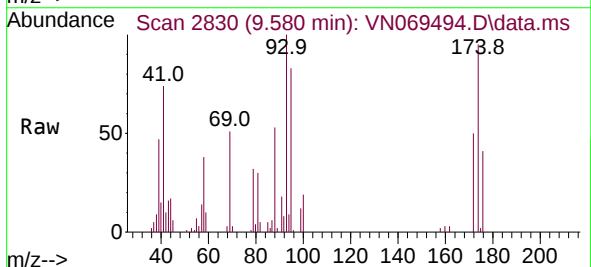
Instrument :  
MSVOA\_N  
ClientSampleId :

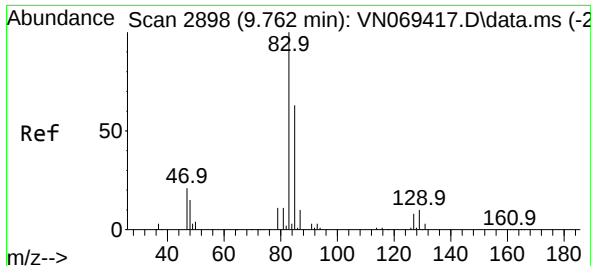
Tgt Ion: 63 Resp: 49688  
Ion Ratio Lower Upper  
63 100  
65 33.2 24.7 37.1



#46  
Dibromomethane  
Concen: 4.217 ug/l  
RT: 9.580 min Scan# 2830  
Delta R.T. 0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 93 Resp: 32800  
Ion Ratio Lower Upper  
93 100  
95 83.3 65.9 98.9  
174 89.9 84.6 127.0

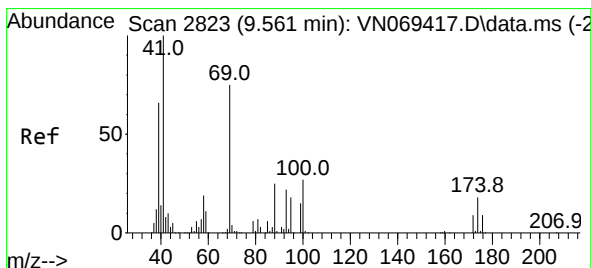
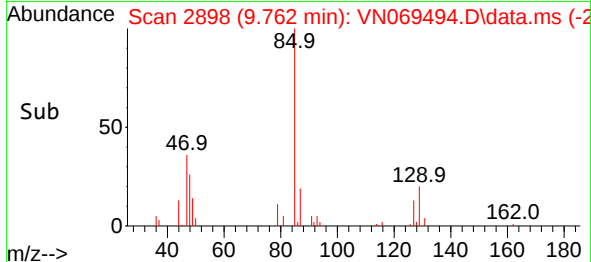
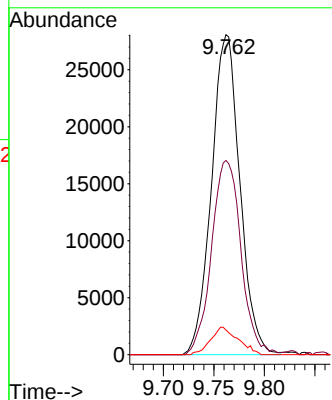
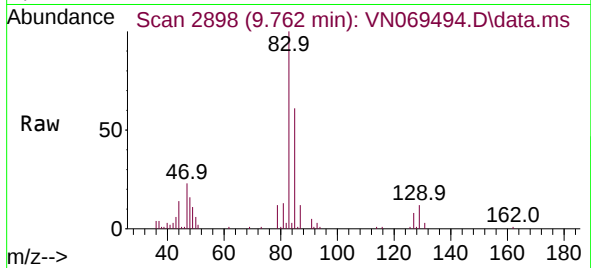




#47  
Bromodichloromethane  
Concen: 3.777 ug/l  
RT: 9.762 min Scan# 2898  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

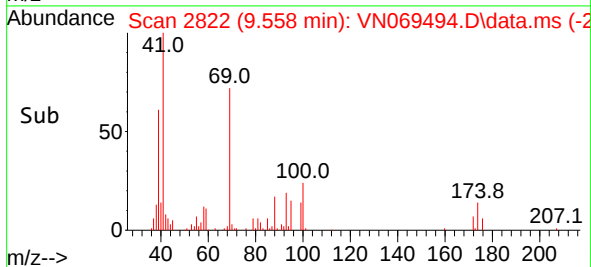
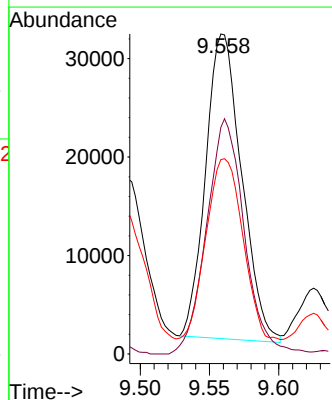
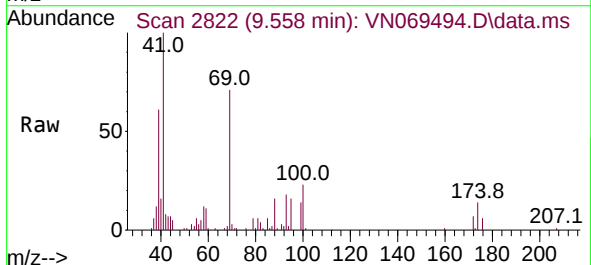
Instrument :  
MSVOA\_N  
ClientSampleId :

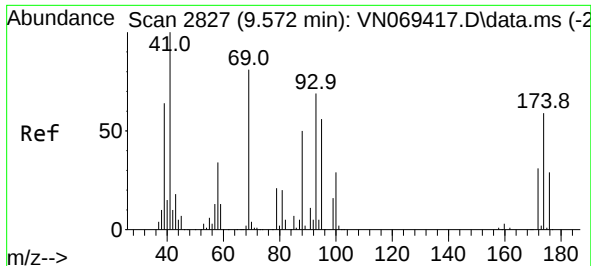
Tgt Ion: 83 Resp: 54825  
Ion Ratio Lower Upper  
83 100  
85 60.7 50.9 76.3  
127 7.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 3.890 ug/l  
RT: 9.558 min Scan# 2822  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

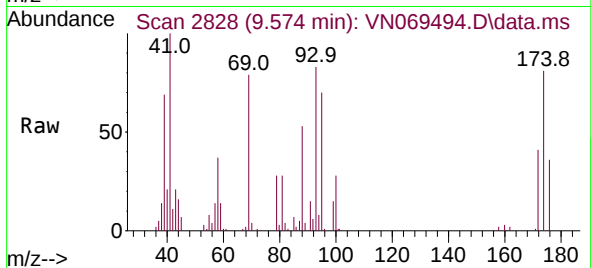
Tgt Ion: 41 Resp: 55967  
Ion Ratio Lower Upper  
41 100  
69 80.9 72.4 108.6  
39 69.8 58.4 87.6



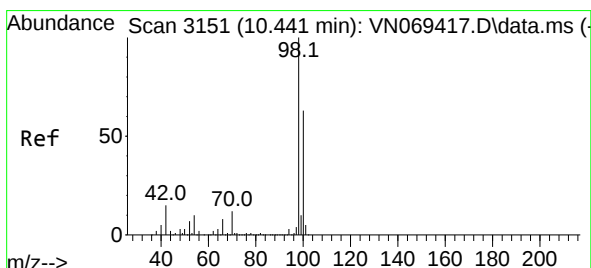
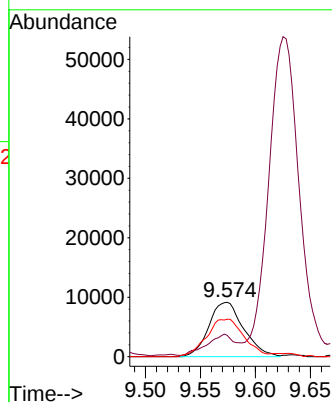
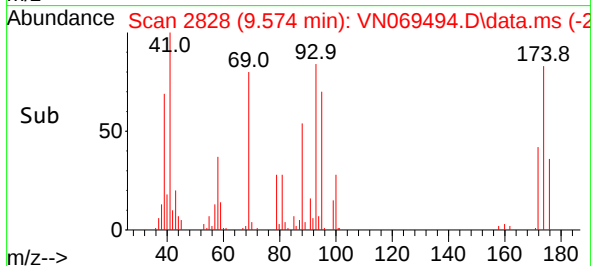


#49  
1,4-Dioxane  
Concen: 107.035 ug/l  
RT: 9.574 min Scan# 2827  
Delta R.T. 0.002 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Instrument :  
MSVOA\_N  
ClientSampleId :

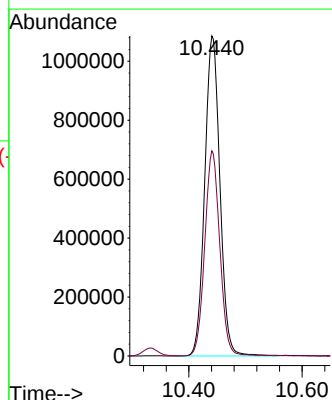
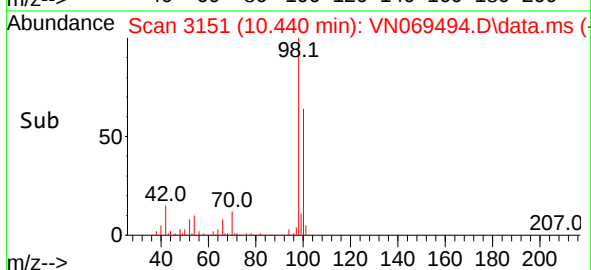
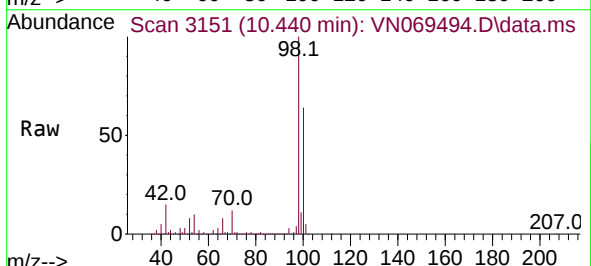


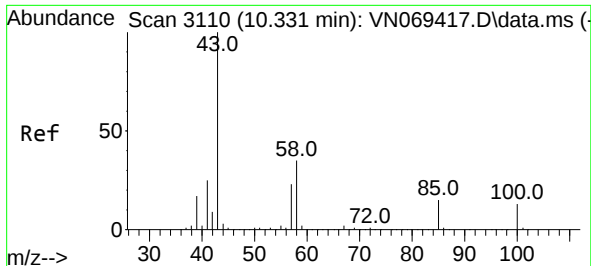
Tgt Ion: 88 Resp: 20167  
Ion Ratio Lower Upper  
88 100  
43 32.1 23.4 35.2  
58 73.8 50.6 75.8



#50  
Toluene-d8  
Concen: 51.253 ug/l  
RT: 10.440 min Scan# 3151  
Delta R.T. -0.001 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 98 Resp: 2023361  
Ion Ratio Lower Upper  
98 100  
100 63.3 50.4 75.6

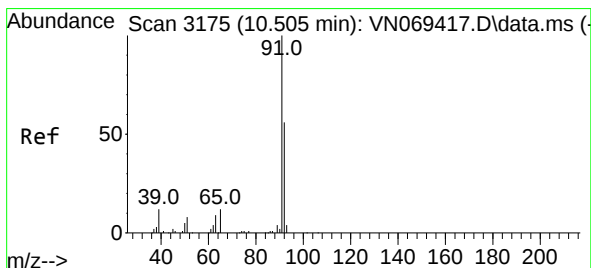
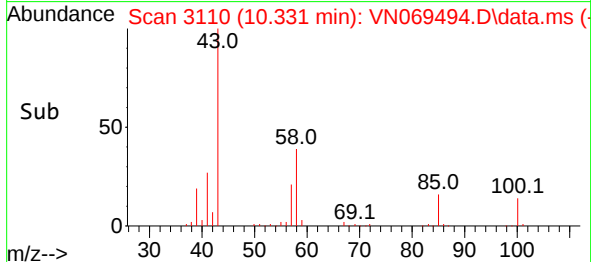
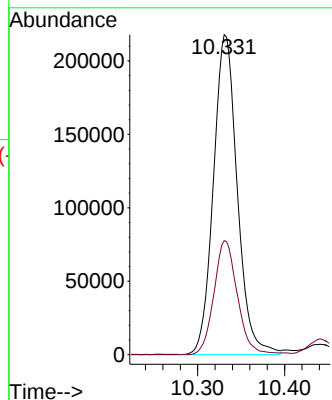
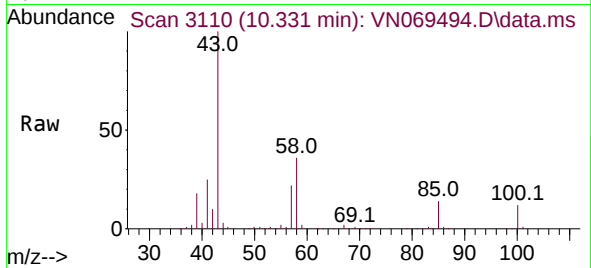




#51  
4-Methyl-2-Pentanone  
Concen: 21.032 ug/l  
RT: 10.331 min Scan# 3110  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

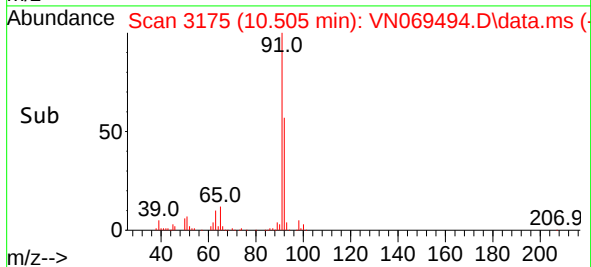
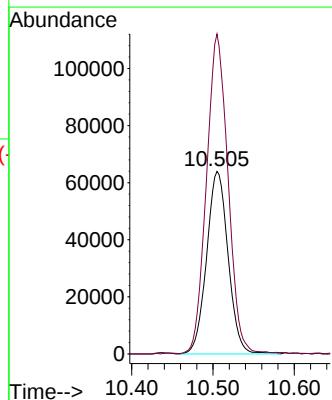
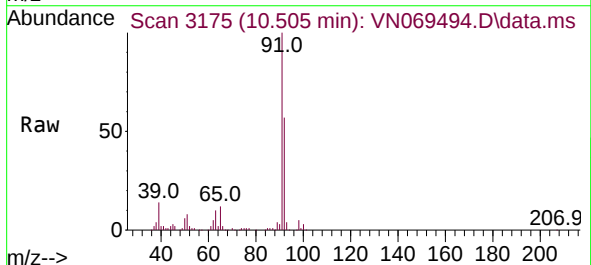
Instrument :  
MSVOA\_N  
ClientSampleId :

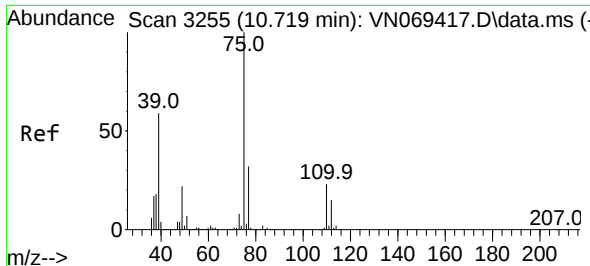
Tgt Ion: 43 Resp: 415098  
Ion Ratio Lower Upper  
43 100  
58 35.1 30.4 45.6



#52  
Toluene  
Concen: 4.342 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 92 Resp: 117580  
Ion Ratio Lower Upper  
92 100  
91 174.7 142.0 213.0

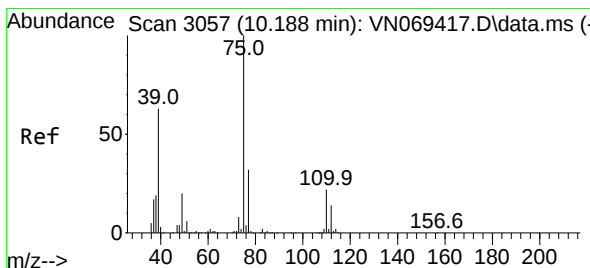
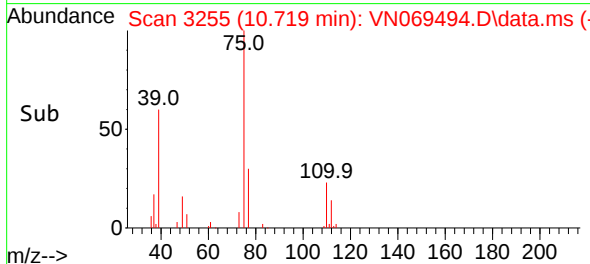
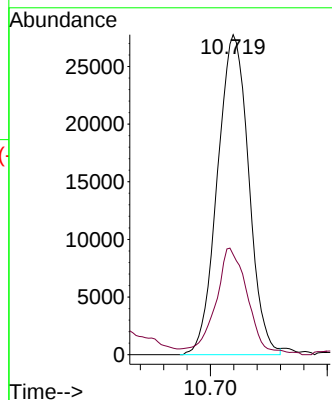
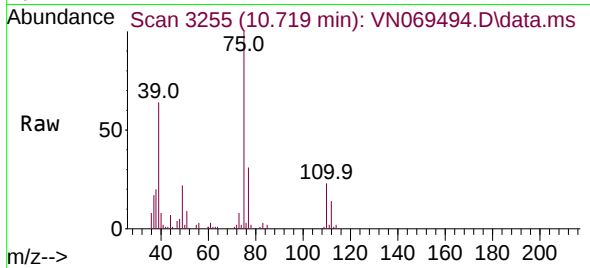




#53  
t-1,3-Dichloropropene  
Concen: 5.374 ug/l  
RT: 10.719 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

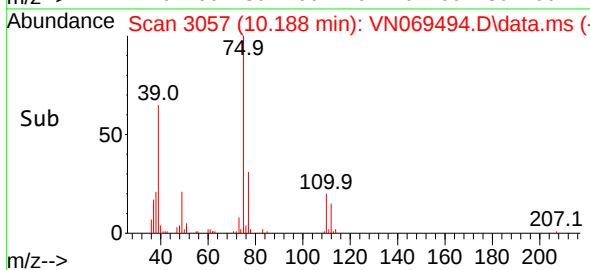
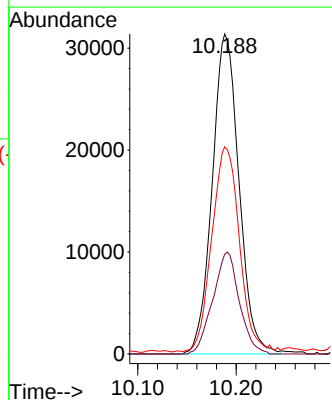
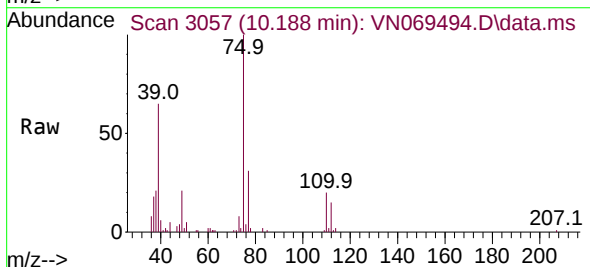
Instrument :  
MSVOA\_N  
ClientSampleId :

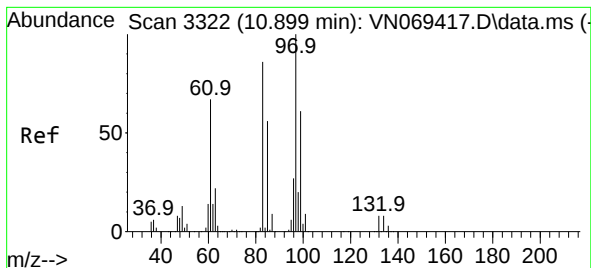
Tgt Ion: 75 Resp: 51557  
Ion Ratio Lower Upper  
75 100  
77 29.9 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 4.780 ug/l  
RT: 10.188 min Scan# 3057  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 75 Resp: 59365  
Ion Ratio Lower Upper  
75 100  
77 31.1 26.4 39.6  
39 63.9 42.5 63.7#





#55

1,1,2-Trichloroethane

Concen: 4.303 ug/l

RT: 10.899 min Scan# 3322

Delta R.T. 0.000 min

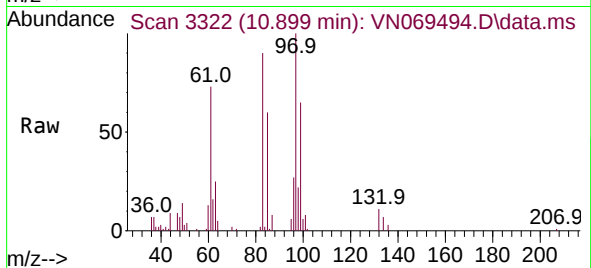
Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 46971

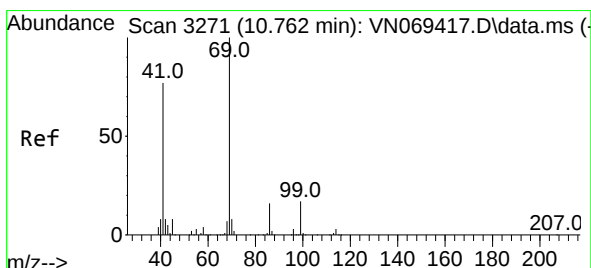
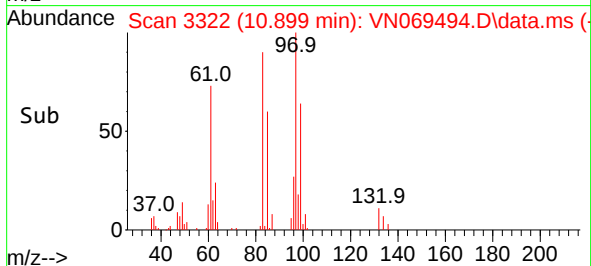
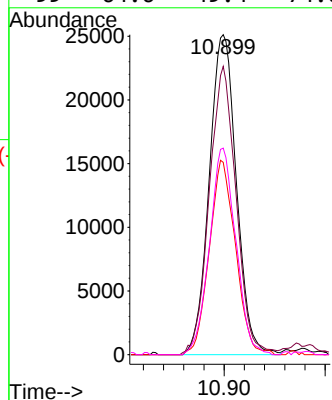
Ion Ratio Lower Upper

97 100

83 90.1 67.8 101.6

85 60.1 45.4 68.2

99 64.6 49.4 74.0



#56

Ethyl methacrylate

Concen: 5.371 ug/l

RT: 10.762 min Scan# 3271

Delta R.T. 0.000 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

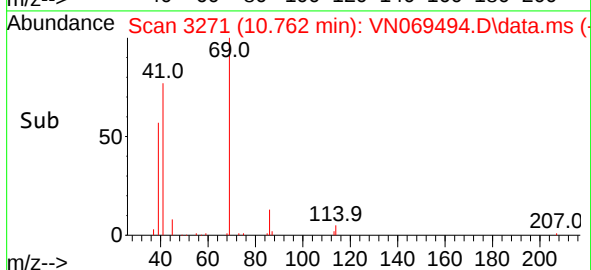
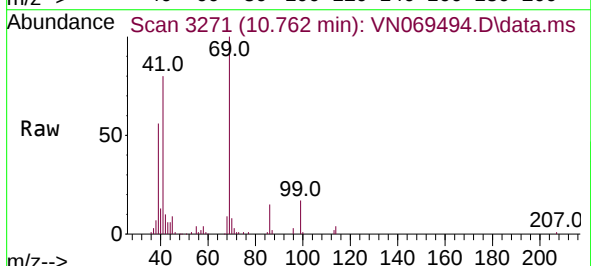
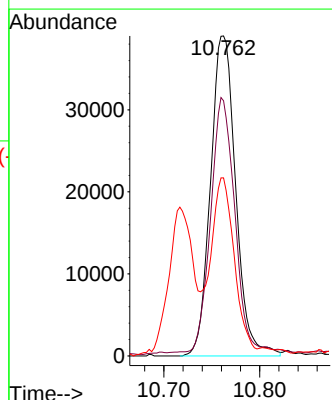
Tgt Ion: 69 Resp: 71179

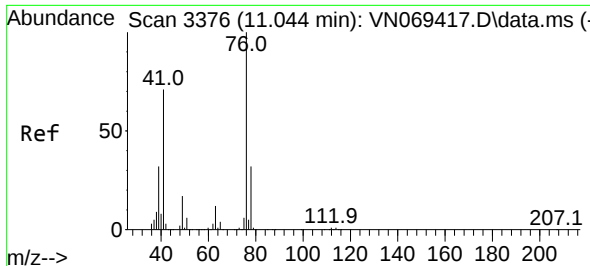
Ion Ratio Lower Upper

69 100

41 75.9 51.4 77.0

39 48.1 34.6 52.0

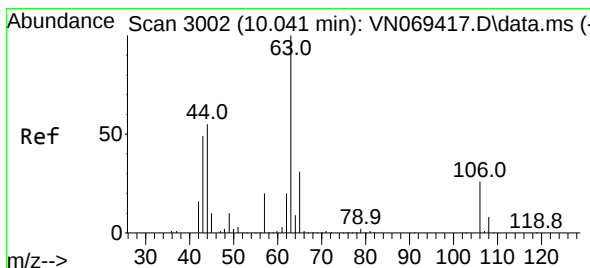
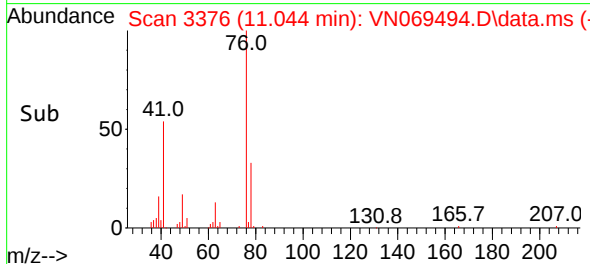
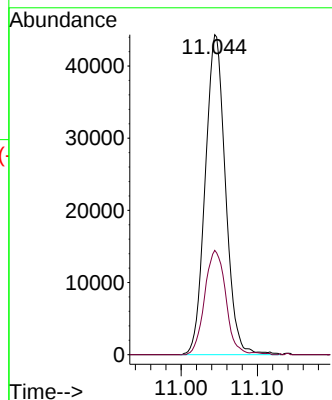
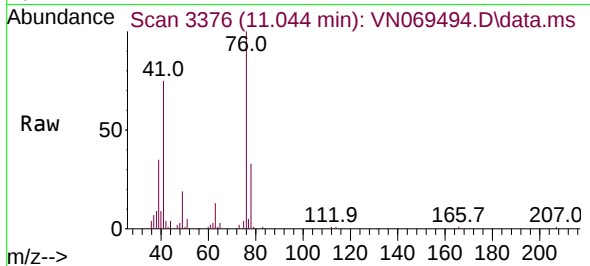




#57  
1,3-Dichloropropane  
Concen: 4.254 ug/l  
RT: 11.044 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

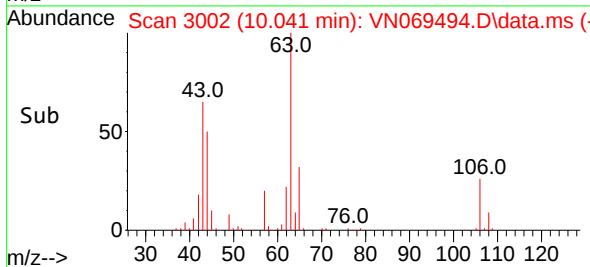
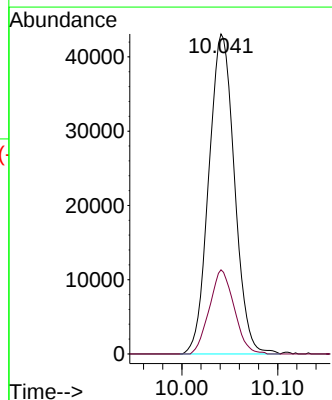
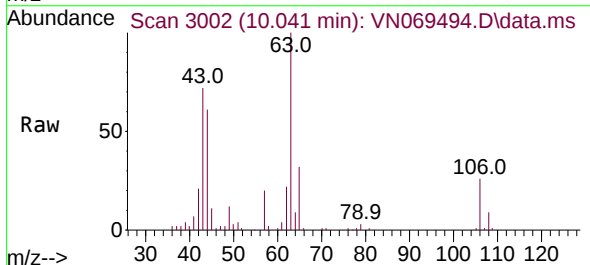
Instrument :  
MSVOA\_N  
ClientSampleId :

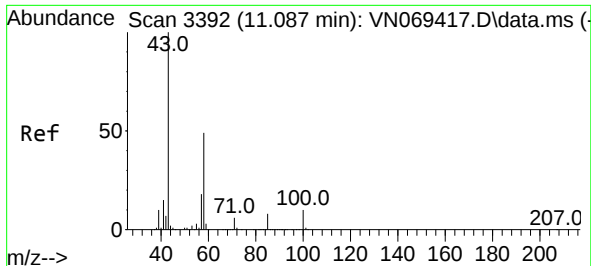
Tgt Ion: 76 Resp: 81601  
Ion Ratio Lower Upper  
76 100  
78 33.9 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 36.529 ug/l  
RT: 10.041 min Scan# 3002  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 63 Resp: 80070  
Ion Ratio Lower Upper  
63 100  
106 25.3 23.9 35.9

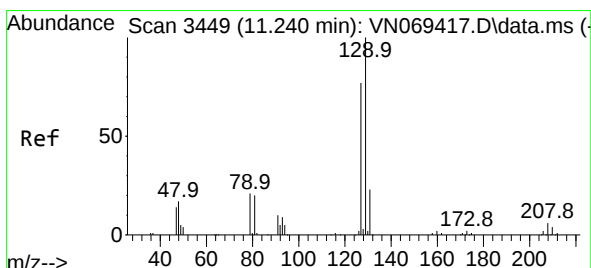
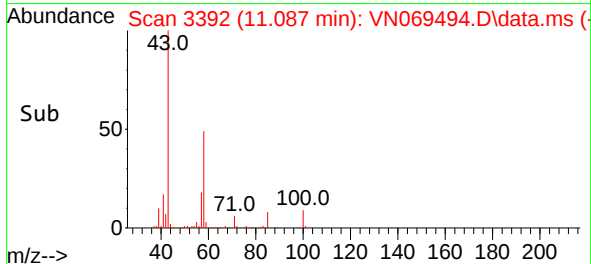
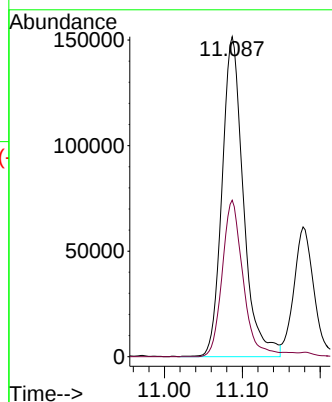
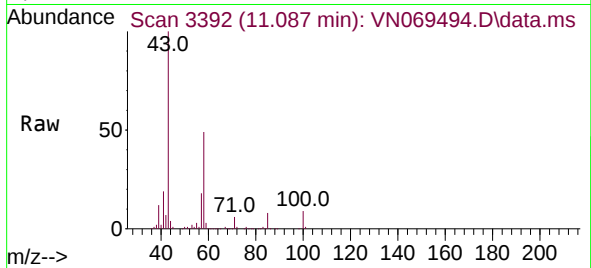




#59  
2-Hexanone  
Concen: 24.677 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

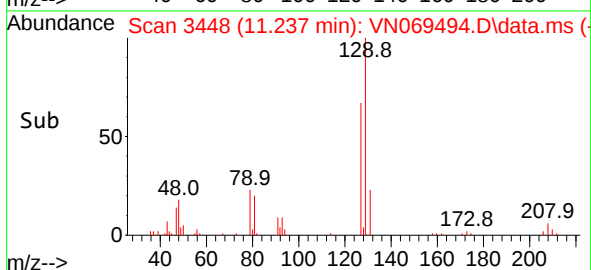
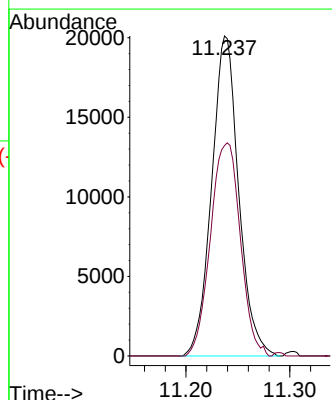
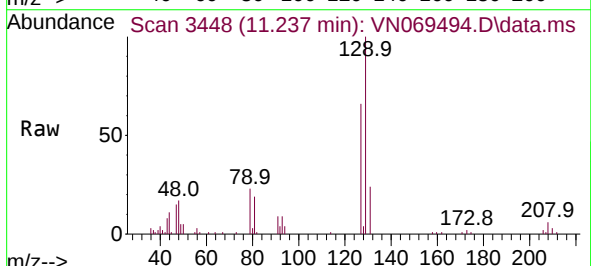
Instrument :  
MSVOA\_N  
ClientSampleId :

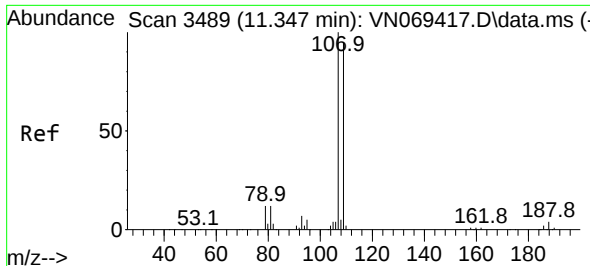
Tgt Ion: 43 Resp: 288027  
Ion Ratio Lower Upper  
43 100  
58 47.7 26.9 80.7



#60  
Dibromochloromethane  
Concen: 5.307 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion:129 Resp: 36376  
Ion Ratio Lower Upper  
129 100  
127 73.5 38.6 116.0

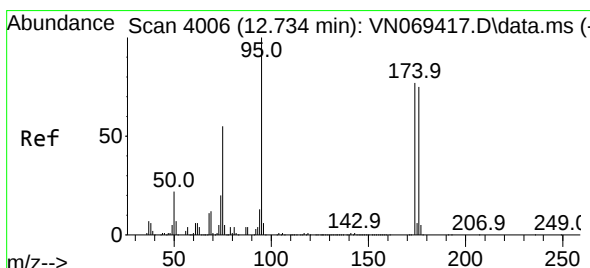
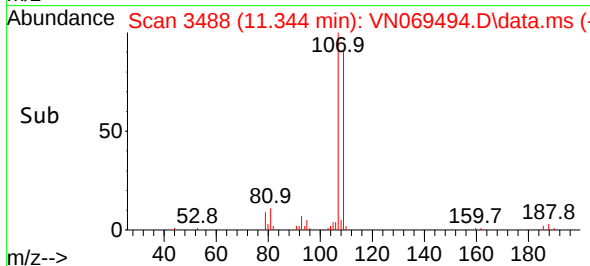
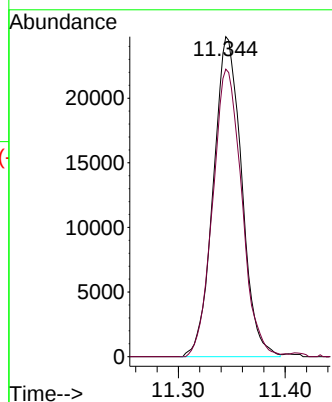
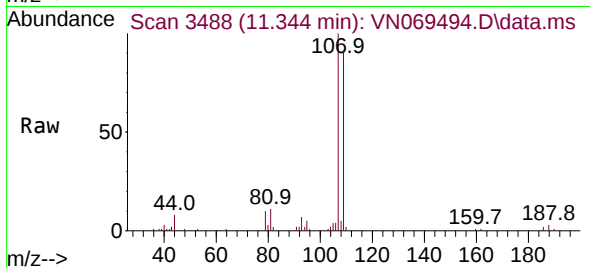




#61  
1,2-Dibromoethane  
Concen: 4.725 ug/l  
RT: 11.344 min Scan# 3488  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

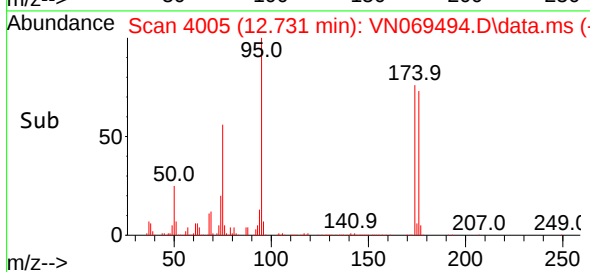
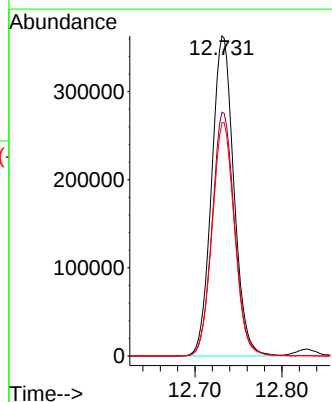
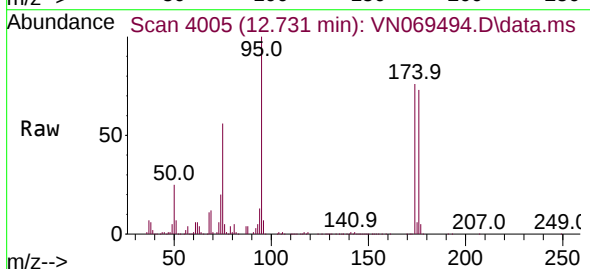
Instrument :  
MSVOA\_N  
ClientSampleId :

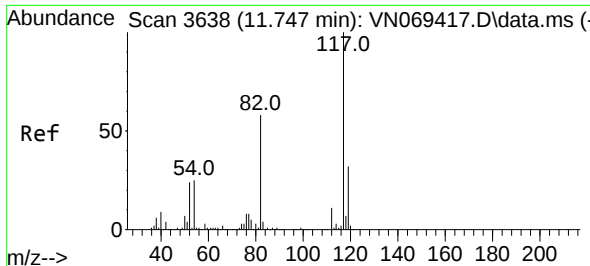
Tgt Ion:107 Resp: 45492  
Ion Ratio Lower Upper  
107 100  
109 92.2 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 44.530 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

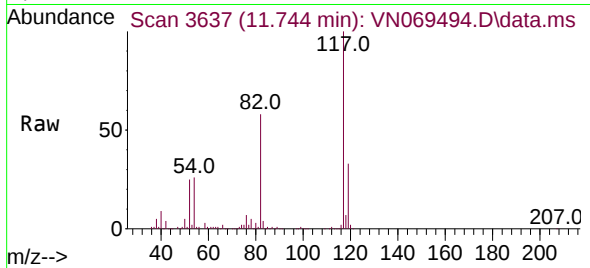
Tgt Ion: 95 Resp: 645805  
Ion Ratio Lower Upper  
95 100  
174 76.7 0.0 187.2  
176 73.4 0.0 181.4





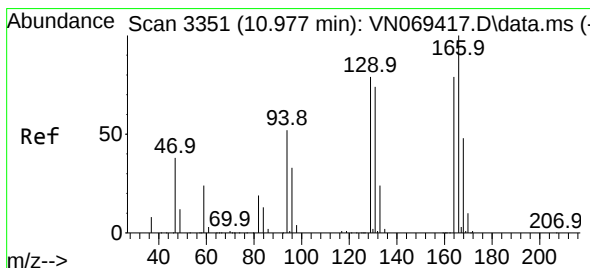
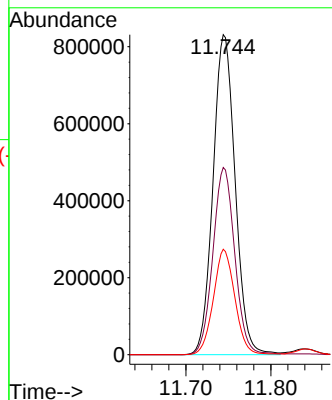
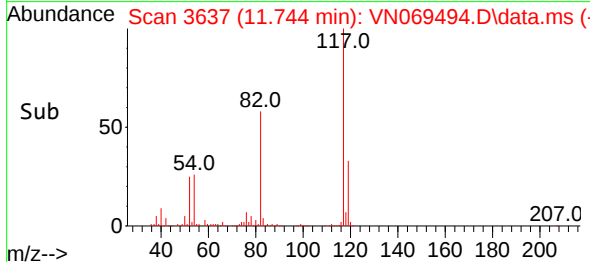
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3637  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:117 Resp: 1506195

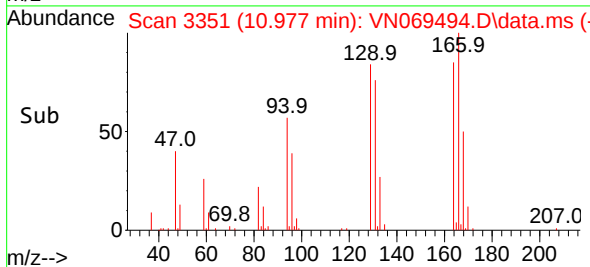
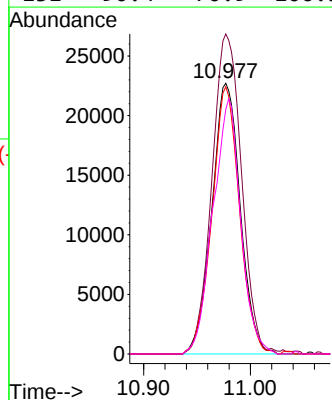
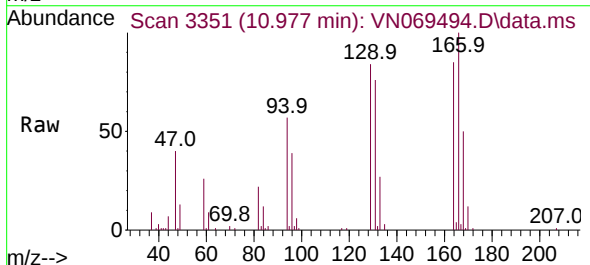
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 58.5  | 42.4  | 63.6  |
| 119 | 32.9  | 25.4  | 38.2  |

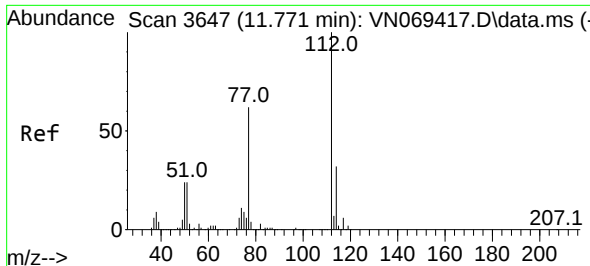


#64  
Tetrachloroethene  
Concen: 4.631 ug/l  
RT: 10.977 min Scan# 3351  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion:164 Resp: 42115

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 118.2 | 101.9 | 152.9 |
| 129 | 98.7  | 72.0  | 108.0 |
| 131 | 90.4  | 70.9  | 106.3 |

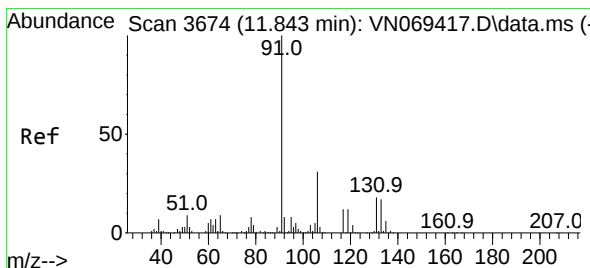
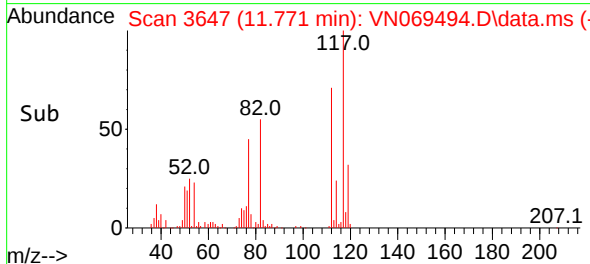
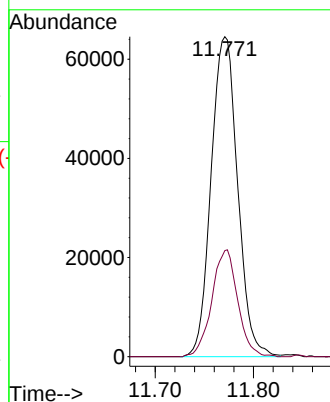
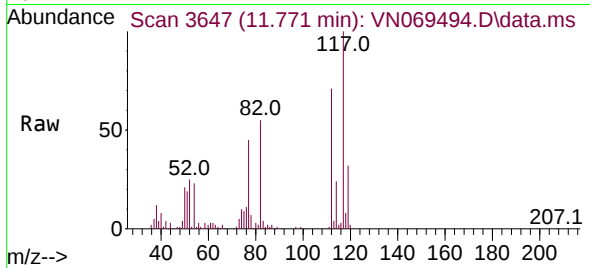




#65  
Chlorobenzene  
Concen: 4.314 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

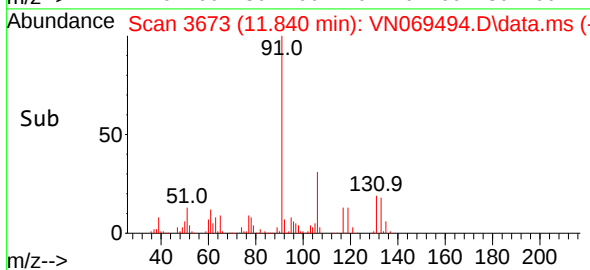
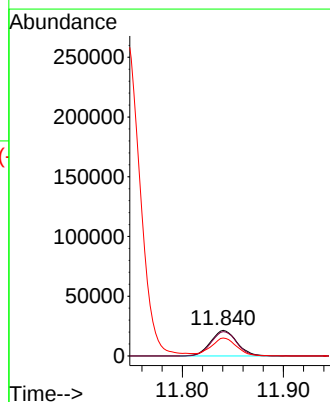
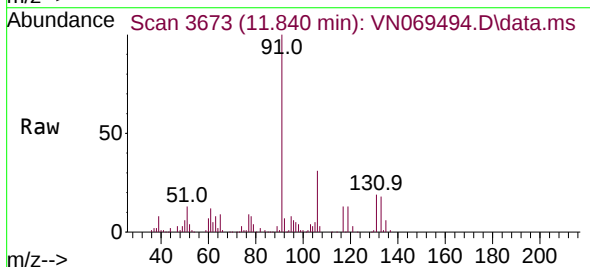
Instrument :  
MSVOA\_N  
ClientSampleId :

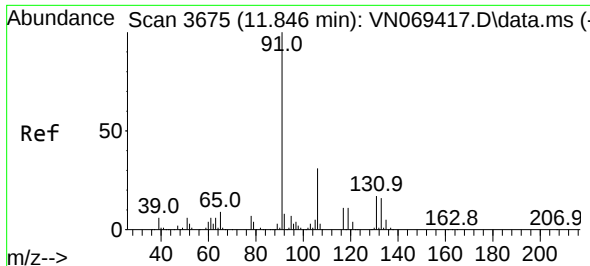
Tgt Ion:112 Resp: 120945  
Ion Ratio Lower Upper  
112 100  
114 33.2 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 3.982 ug/l  
RT: 11.840 min Scan# 3673  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion:131 Resp: 38720  
Ion Ratio Lower Upper  
131 100  
133 92.9 47.9 143.7  
119 68.7 32.1 96.5

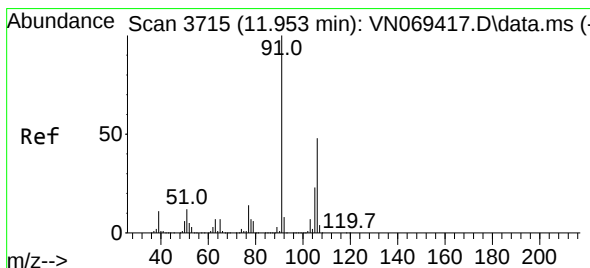
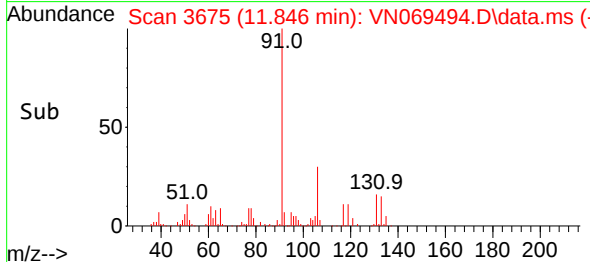
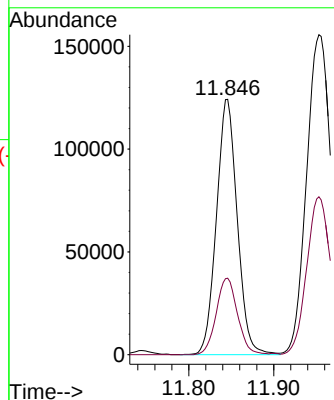
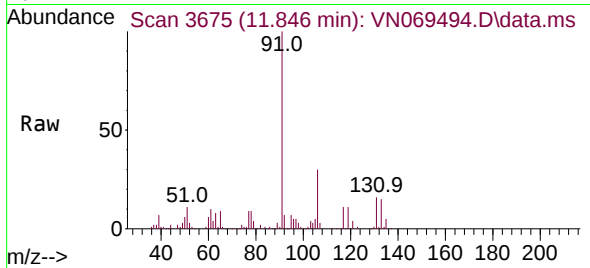




#67  
Ethyl Benzene  
Concen: 4.090 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

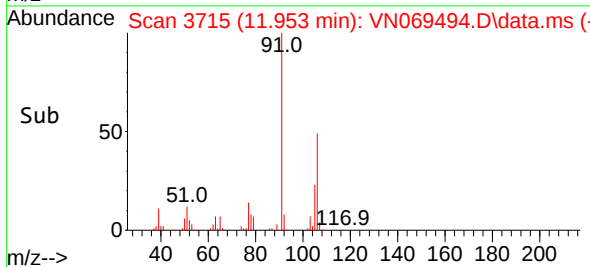
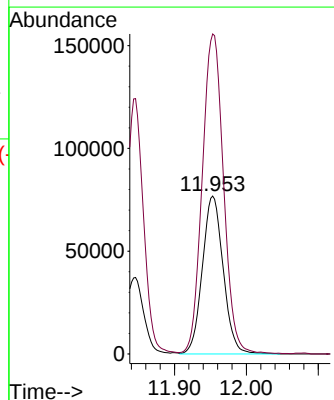
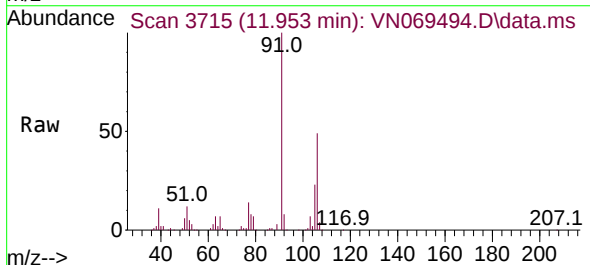
Instrument :  
MSVOA\_N  
ClientSampleId :

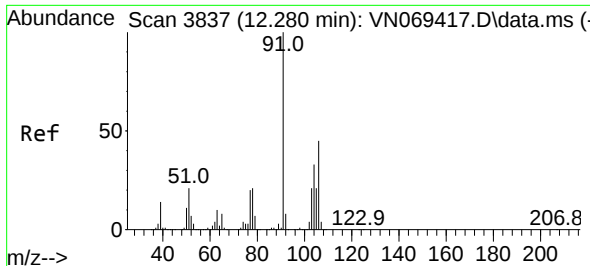
Tgt Ion: 91 Resp: 211504  
Ion Ratio Lower Upper  
91 100  
106 30.0 25.7 38.5



#68  
m/p-Xylenes  
Concen: 8.157 ug/l  
RT: 11.953 min Scan# 3715  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion:106 Resp: 155123  
Ion Ratio Lower Upper  
106 100  
91 204.0 160.6 240.8

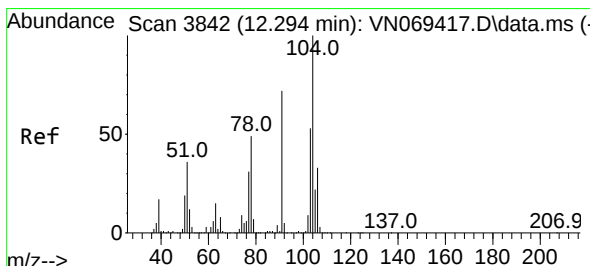
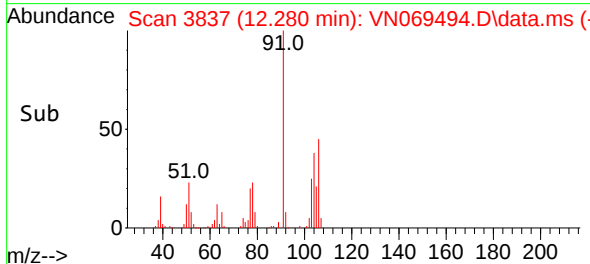
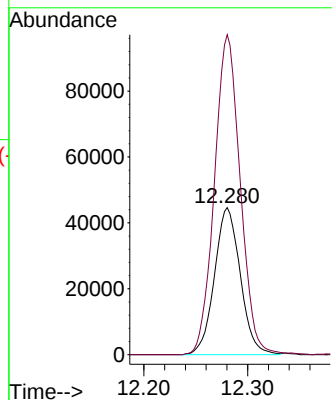
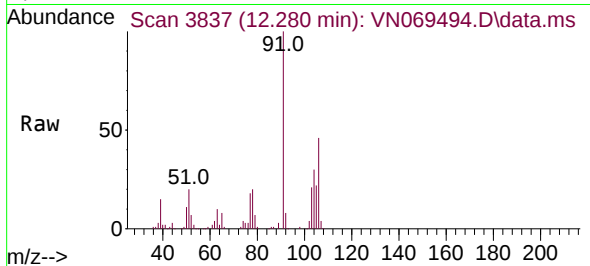




#69  
o-Xylene  
Concen: 4.074 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

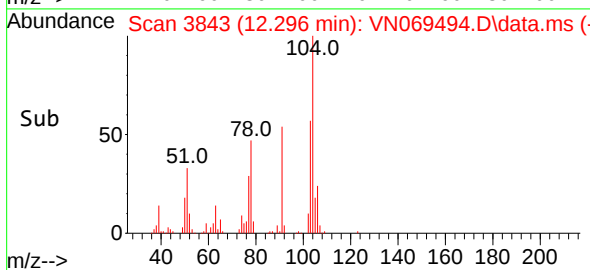
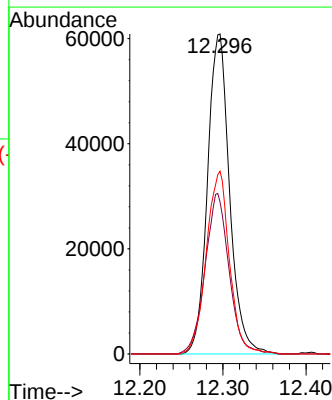
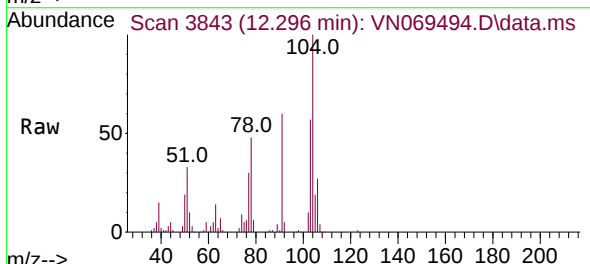
Instrument :  
MSVOA\_N  
ClientSampleId :

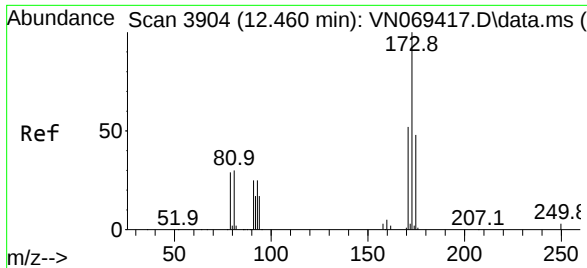
Tgt Ion:106 Resp: 77244  
Ion Ratio Lower Upper  
106 100  
91 217.5 105.8 317.3



#70  
Styrene  
Concen: 4.721 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.002 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion:104 Resp: 112354  
Ion Ratio Lower Upper  
104 100  
78 54.3 38.7 58.1  
103 60.1 45.0 67.6

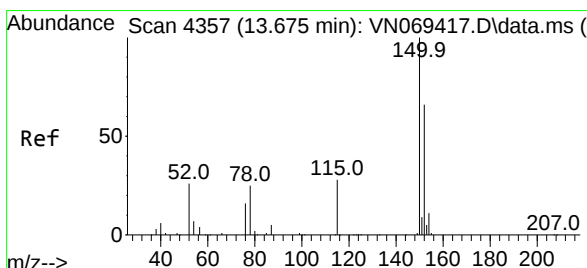
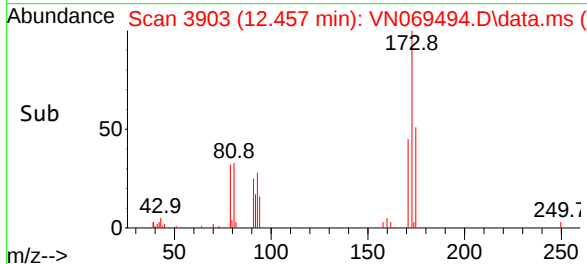
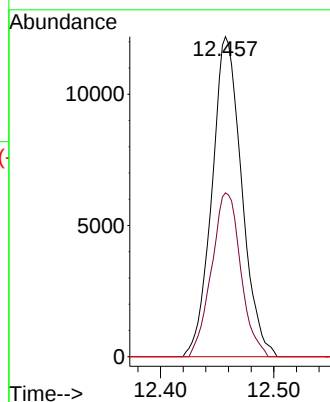
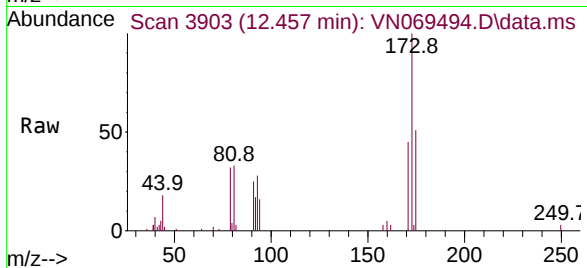




#71  
Bromoform  
Concen: 5.878 ug/l  
RT: 12.457 min Scan# 3904  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

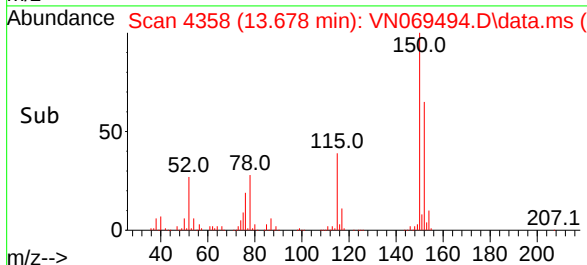
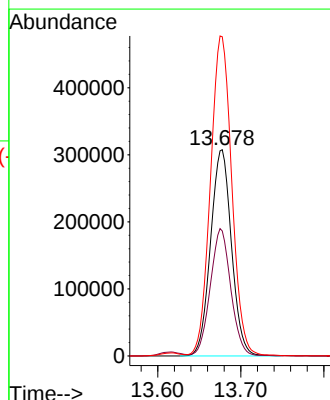
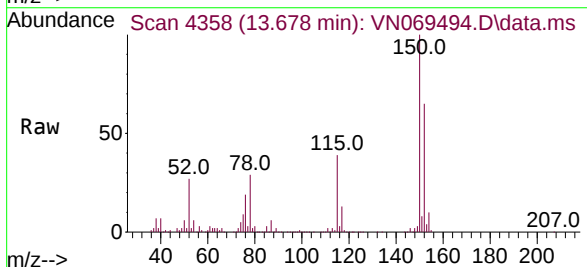
Instrument :  
MSVOA\_N  
ClientSampleId :

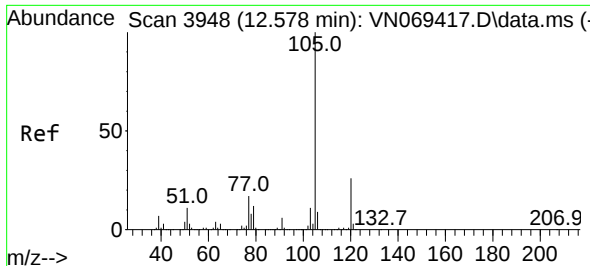
Tgt Ion:173 Resp: 22213  
Ion Ratio Lower Upper  
173 100  
175 50.2 24.2 72.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion:152 Resp: 537479  
Ion Ratio Lower Upper  
152 100  
115 60.4 27.5 82.5  
150 158.0 0.0 344.4

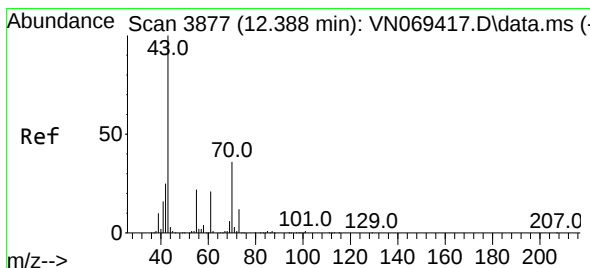
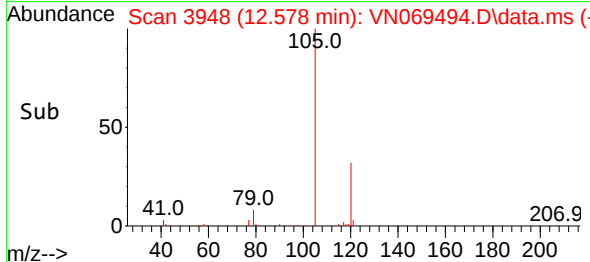
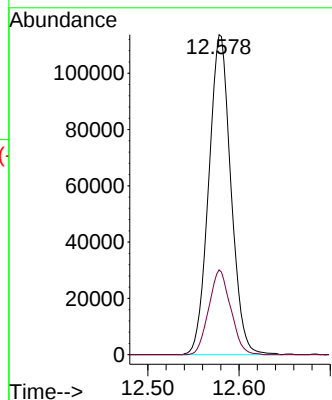
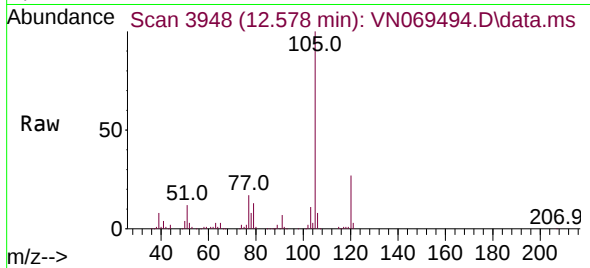




#73  
Isopropylbenzene  
Concen: 4.485 ug/l  
RT: 12.578 min Scan# 3948  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

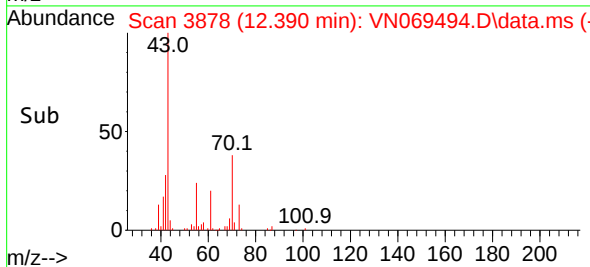
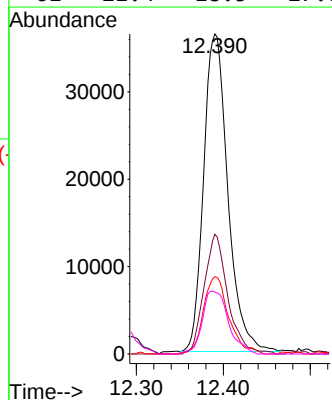
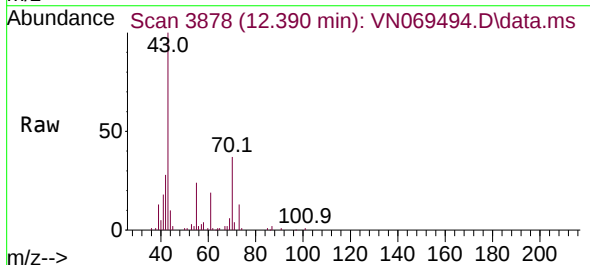
Instrument :  
MSVOA\_N  
ClientSampleId :

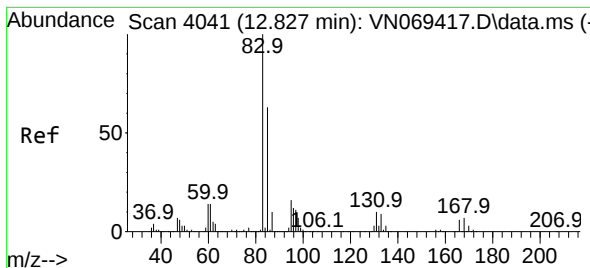
Tgt Ion:105 Resp: 191932  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.4 40.1



#74  
N-ethyl acetate  
Concen: 3.885 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.002 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 43 Resp: 70462  
Ion Ratio Lower Upper  
43 100  
70 36.9 33.4 50.0  
55 25.3 19.3 28.9  
61 21.4 18.5 27.7

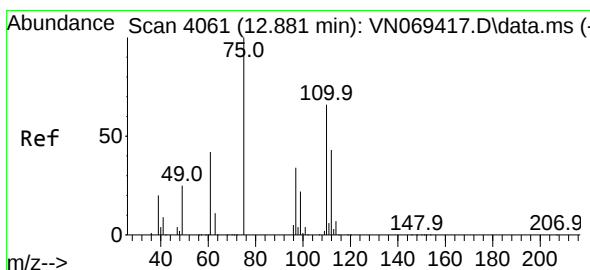
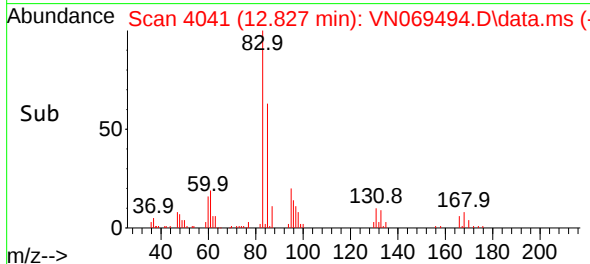
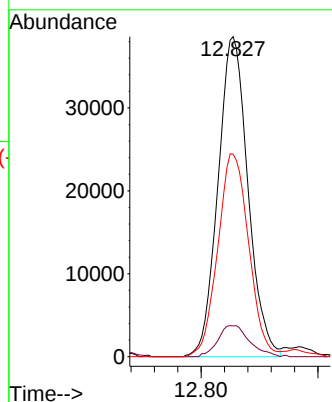
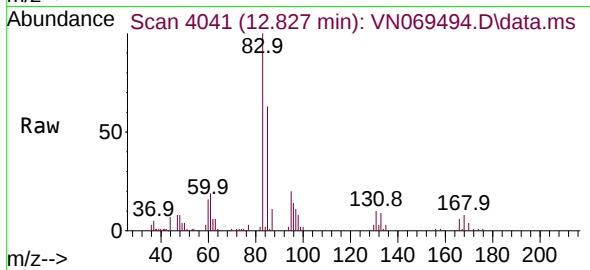




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 4.765 ug/l  
 RT: 12.827 min Scan# 4041  
 Delta R.T. 0.000 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

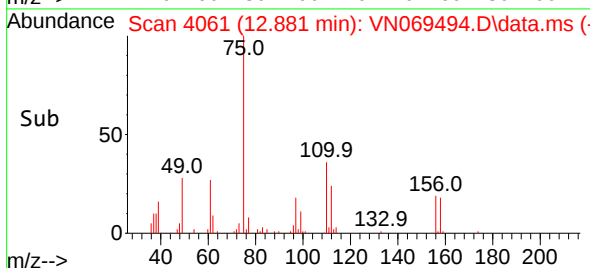
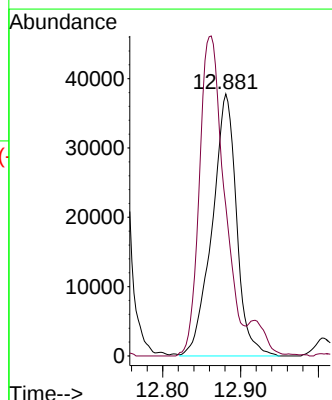
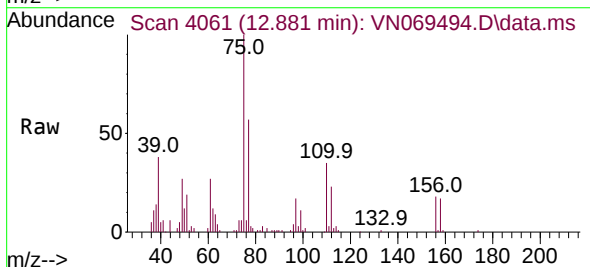
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 83 Resp: 68769  
 Ion Ratio Lower Upper  
 83 100  
 131 10.2 5.5 16.5  
 85 65.3 32.4 97.2



#76  
 1,2,3-Trichloropropane  
 Concen: 6.645 ug/l  
 RT: 12.881 min Scan# 4061  
 Delta R.T. 0.000 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

Tgt Ion: 75 Resp: 82418  
 Ion Ratio Lower Upper  
 75 100  
 77 124.7 82.6 247.8

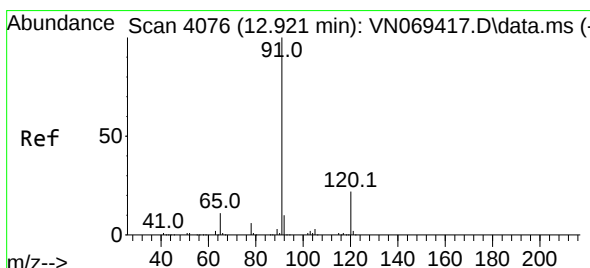
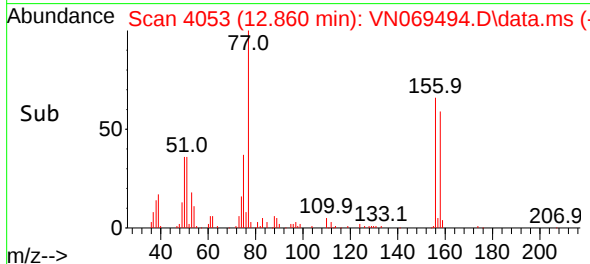
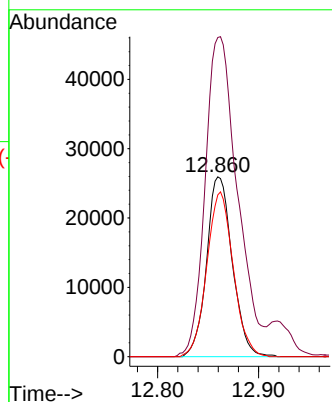
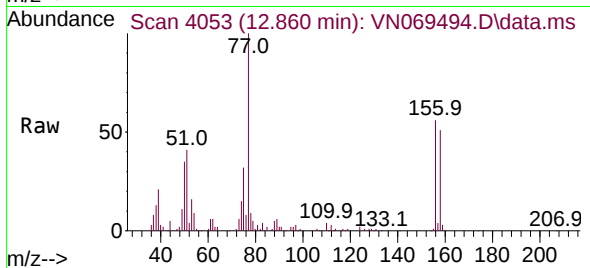




#77  
Bromobenzene  
Concen: 4.693 ug/l  
RT: 12.860 min Scan# 4054  
Delta R.T. -0.002 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

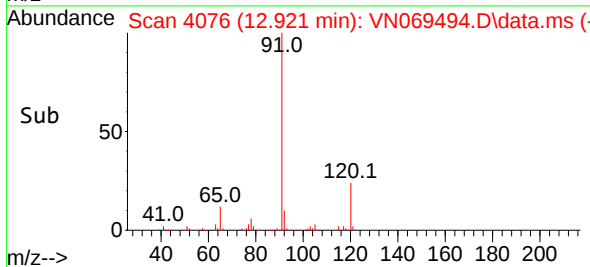
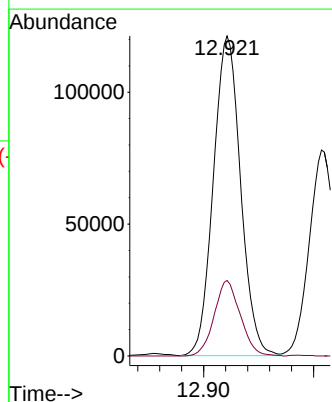
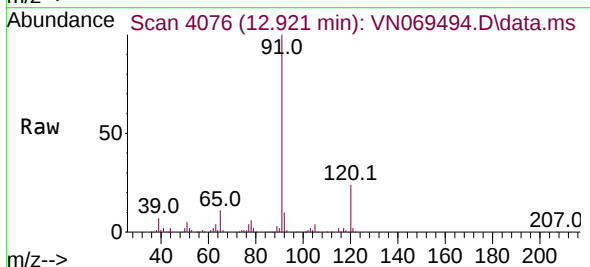
Instrument :  
MSVOA\_N  
ClientSampleId :

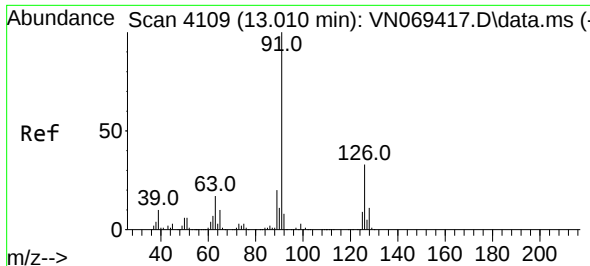
Tgt Ion:156 Resp: 45927  
Ion Ratio Lower Upper  
156 100  
77 223.8 90.6 271.8  
158 94.1 48.9 146.7



#78  
n-propylbenzene  
Concen: 4.324 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 91 Resp: 208224  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.9 35.9

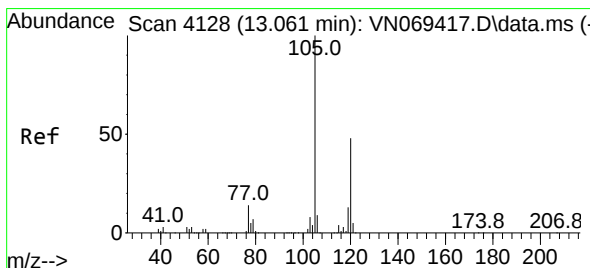
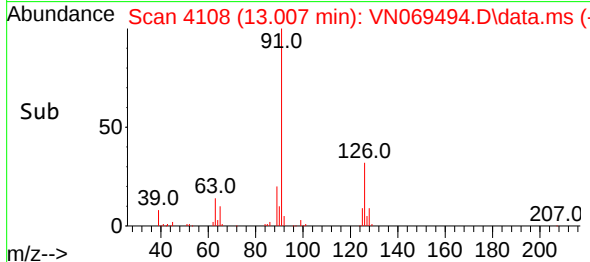
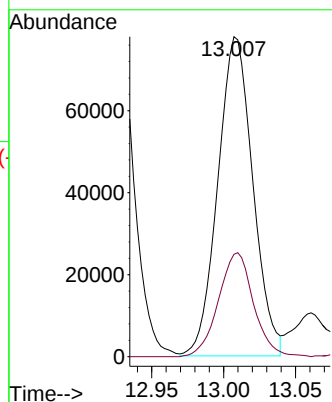
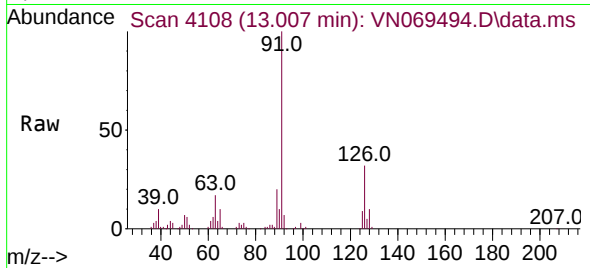




#79  
2-Chlorotoluene  
Concen: 4.428 ug/l  
RT: 13.007 min Scan# 4109  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

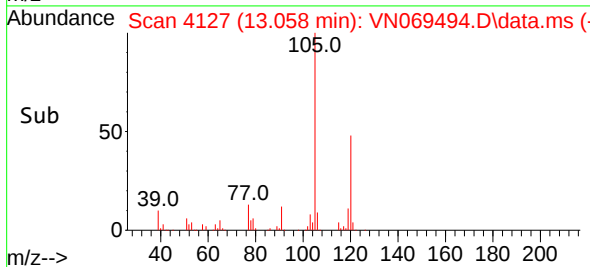
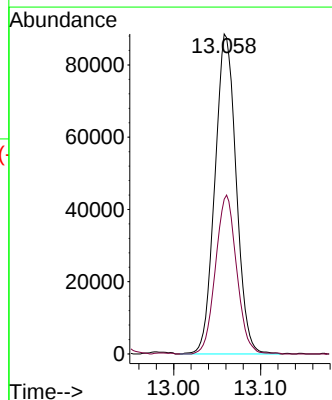
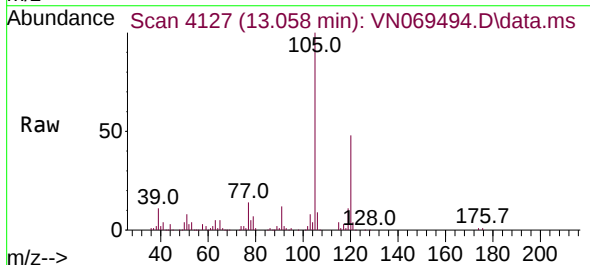
Instrument :  
MSVOA\_N  
ClientSampleId :

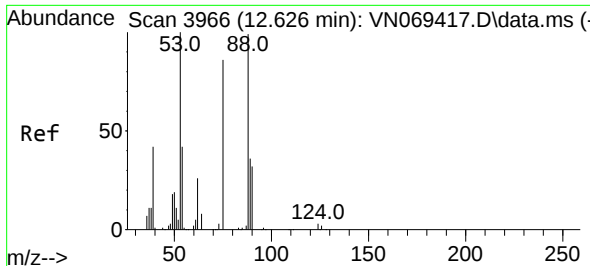
Tgt Ion: 91 Resp: 132026  
Ion Ratio Lower Upper  
91 100  
126 32.6 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 4.356 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. -0.003 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 105 Resp: 150701  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.6 73.6

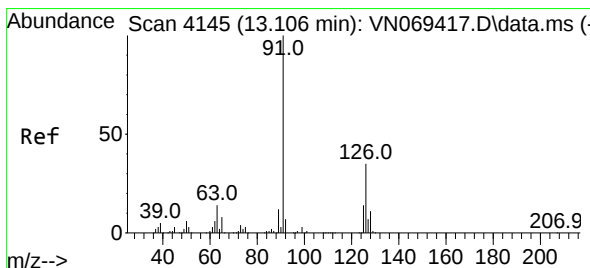
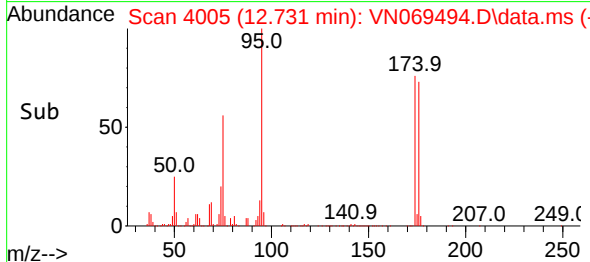
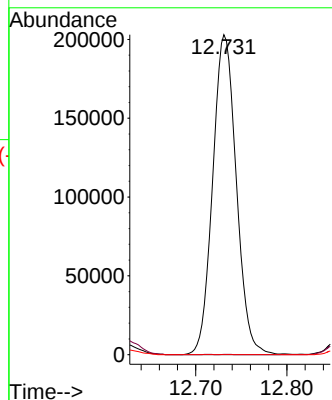
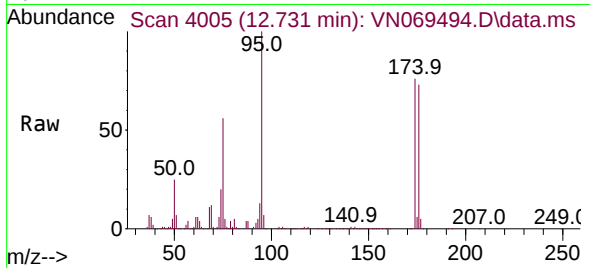




#81  
trans-1,4-Dichloro-2-butene  
Concen: 83.254 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. 0.105 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

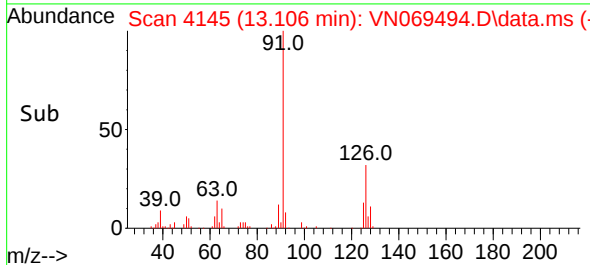
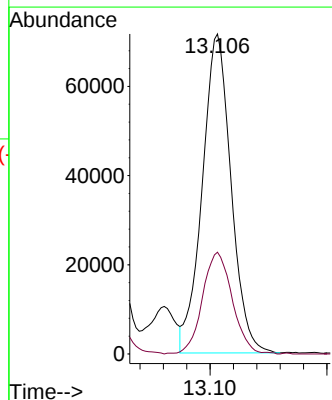
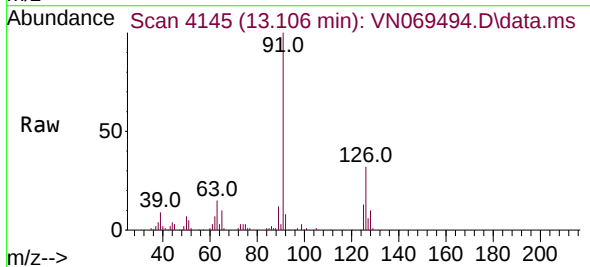
Instrument :  
MSVOA\_N  
ClientSampleId :

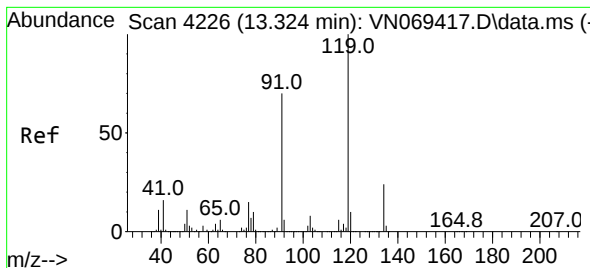
Tgt Ion: 75 Resp: 365059  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 38.2 57.4#



#82  
4-Chlorotoluene  
Concen: 4.310 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 91 Resp: 122492  
Ion Ratio Lower Upper  
91 100  
126 33.0 18.2 54.6





#83

tert-Butylbenzene

Concen: 4.564 ug/l

RT: 13.324 min Scan# 4226

Delta R.T. -0.000 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

Instrument :

MSVOA\_N

ClientSampleId :

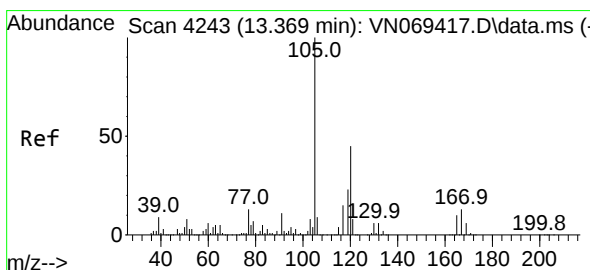
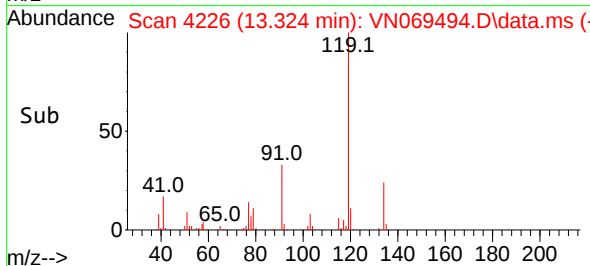
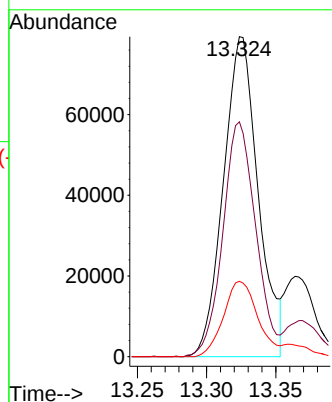
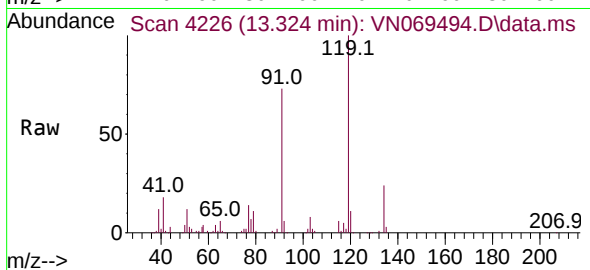
Tgt Ion:119 Resp: 138373

Ion Ratio Lower Upper

119 100

91 69.7 31.5 94.5

134 23.3 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 4.222 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN069494.D

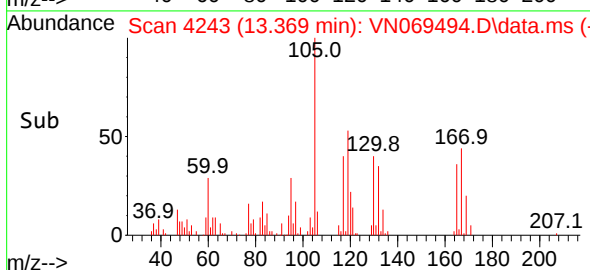
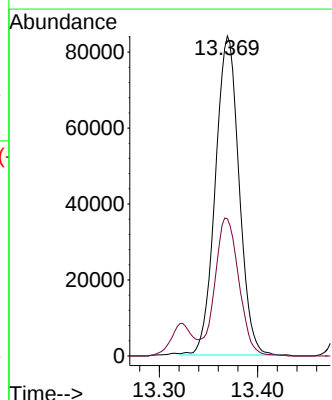
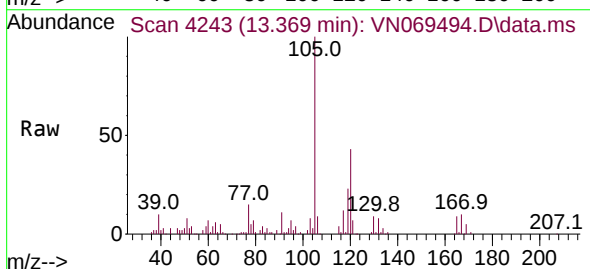
Acq: 15 Nov 2021 16:32

Tgt Ion:105 Resp: 141018

Ion Ratio Lower Upper

105 100

120 43.5 22.8 68.4

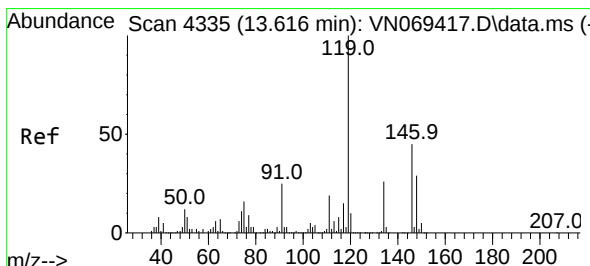
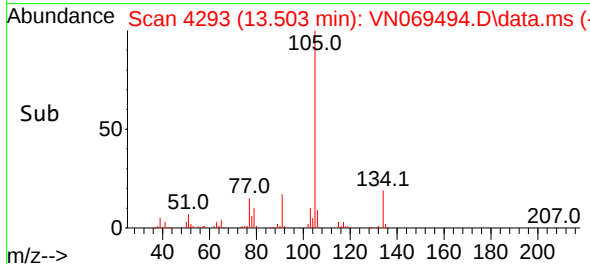
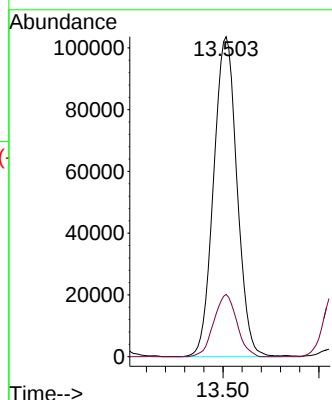
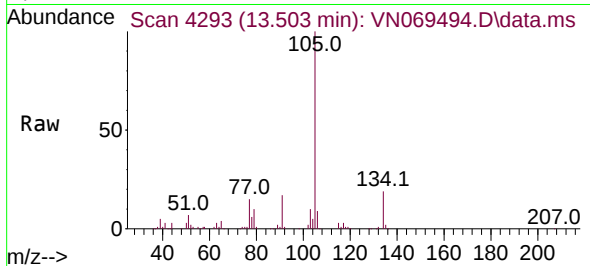




#85  
 sec-Butylbenzene  
 Concen: 4.144 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

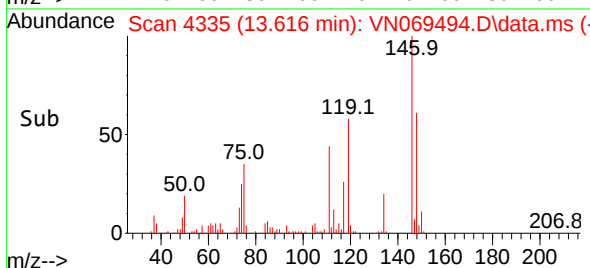
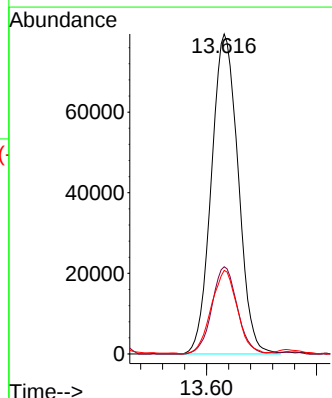
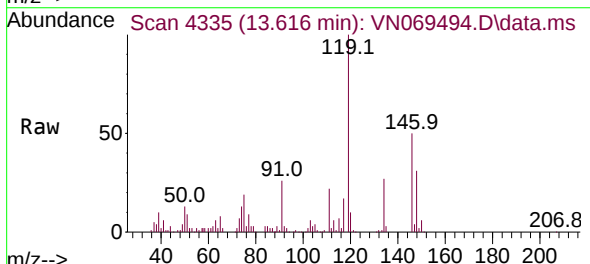
Instrument :  
 MSVOA\_N  
 ClientSampleId :

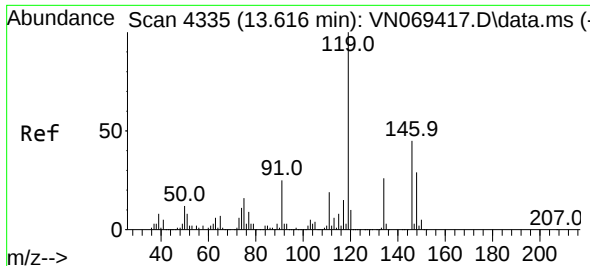
Tgt Ion:105 Resp: 175490  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 3.983 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. -0.000 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

Tgt Ion:119 Resp: 133904  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.6 40.7  
 91 25.4 11.4 34.1

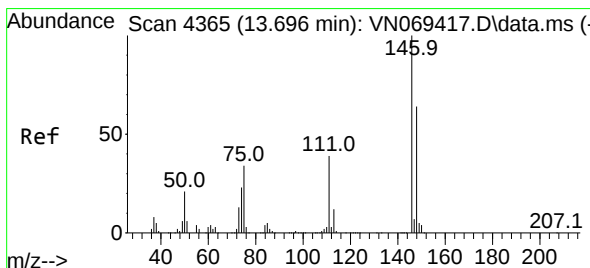
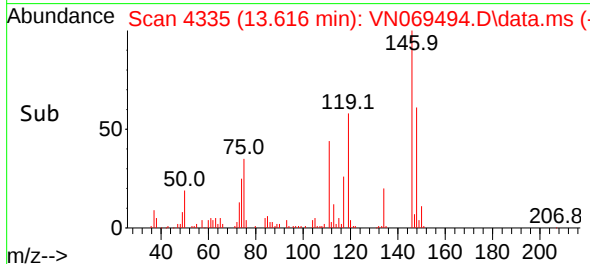
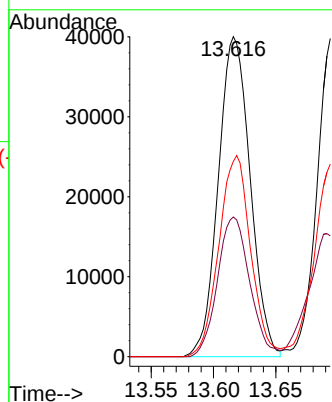
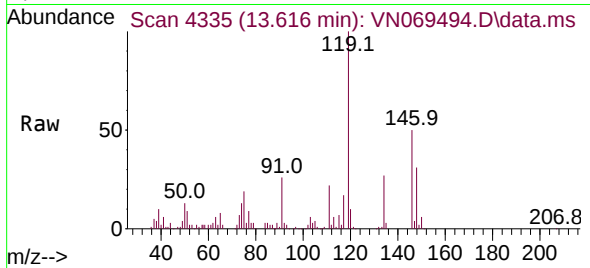




#87  
 1,3-Dichlorobenzene  
 Concen: 4.202 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. -0.000 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

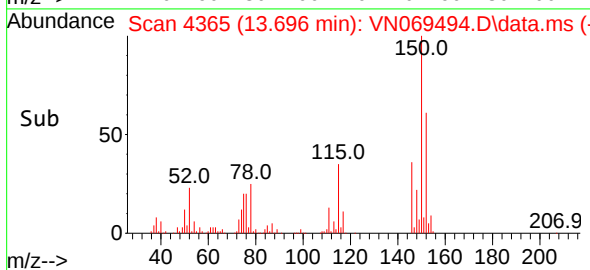
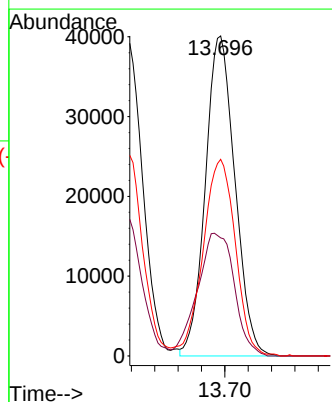
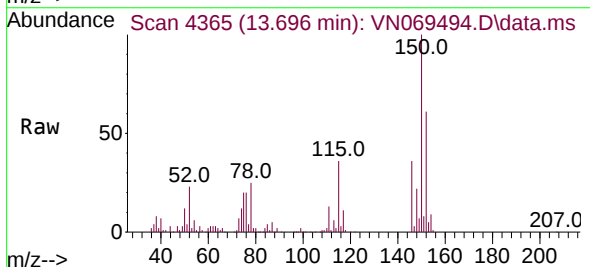
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:146 Resp: 71306  
 Ion Ratio Lower Upper  
 146 100  
 111 44.1 18.6 55.6  
 148 62.8 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 4.241 ug/l  
 RT: 13.696 min Scan# 4365  
 Delta R.T. 0.000 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

Tgt Ion:146 Resp: 70589  
 Ion Ratio Lower Upper  
 146 100  
 111 47.8 18.3 54.8  
 148 67.3 31.8 95.4

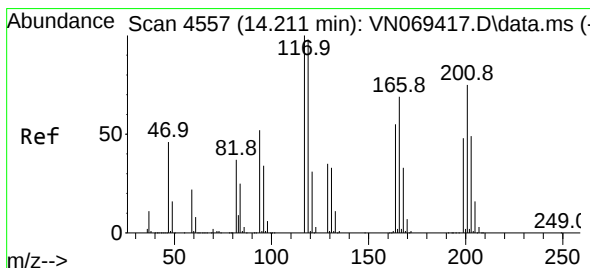
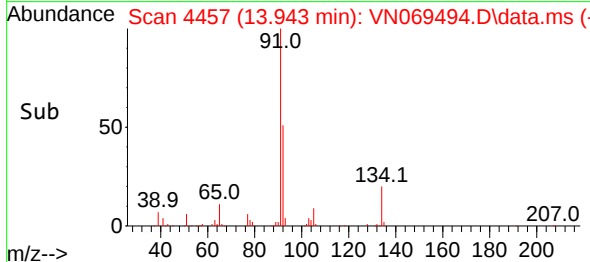
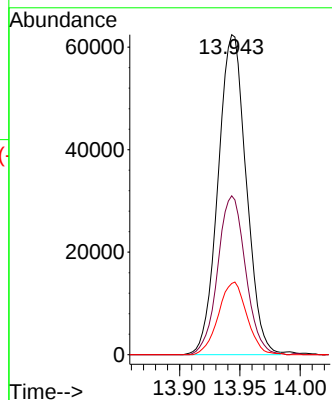
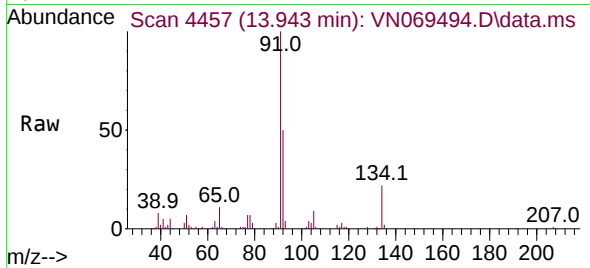




#89  
n-Butylbenzene  
Concen: 3.616 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. 0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

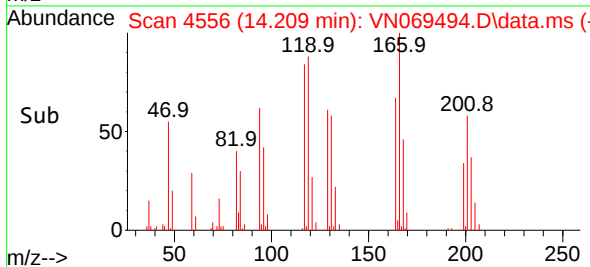
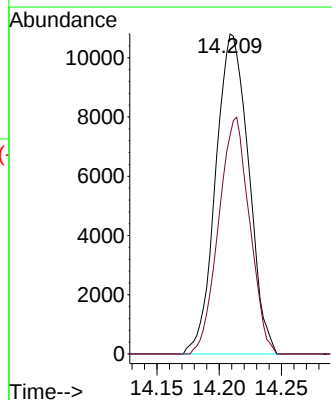
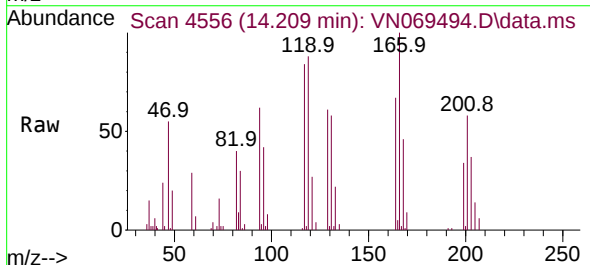
Instrument :  
MSVOA\_N  
ClientSampleId :

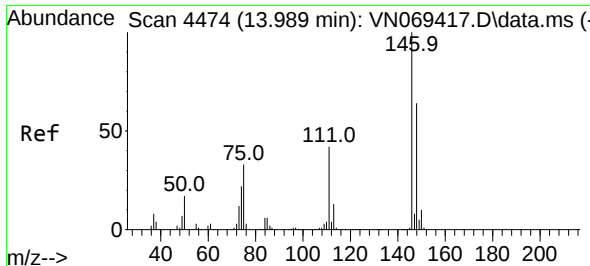
Tgt Ion: 91 Resp: 101370  
Ion Ratio Lower Upper  
91 100  
92 49.0 25.4 76.0  
134 22.9 13.6 40.8



#90  
Hexachloroethane  
Concen: 5.238 ug/l  
RT: 14.209 min Scan# 4556  
Delta R.T. -0.002 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Tgt Ion: 117 Resp: 19866  
Ion Ratio Lower Upper  
117 100  
201 69.5 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 4.520 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. -0.000 min

Lab File: VN069494.D

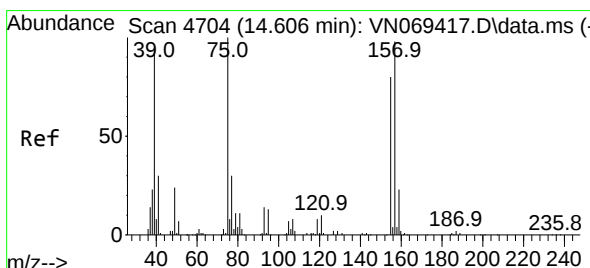
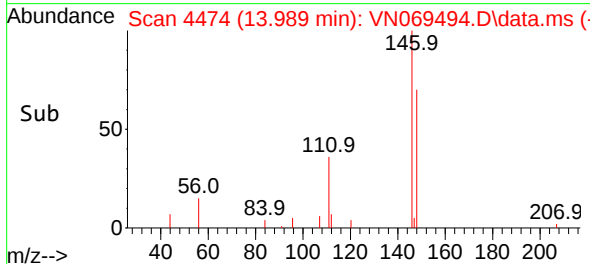
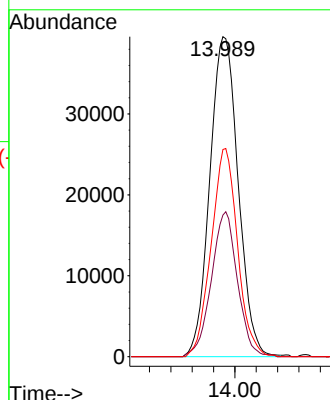
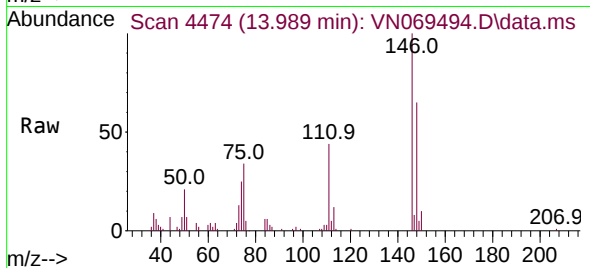
Acq: 15 Nov 2021 16:32

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 72986 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 41.6  | 19.1  | 57.3  |
| 148      | 60.5  | 32.1  | 96.3  |



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.918 ug/l

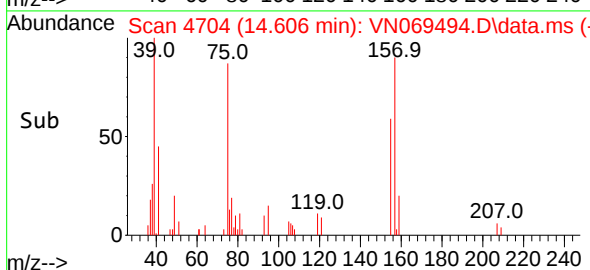
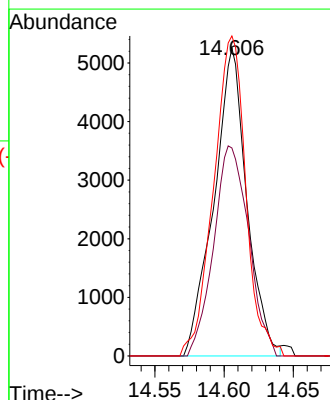
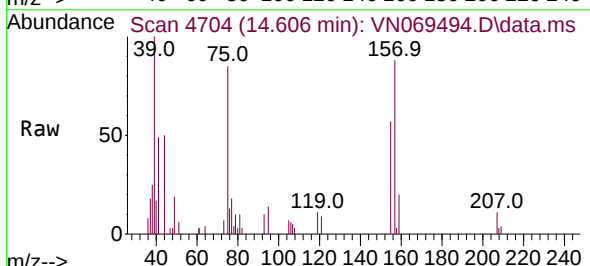
RT: 14.606 min Scan# 4704

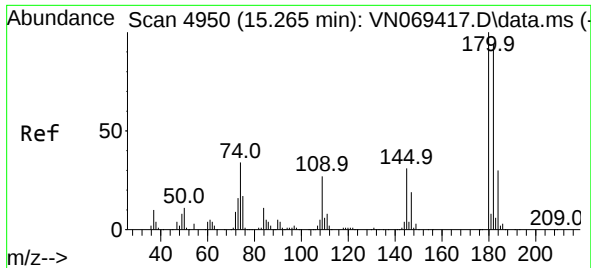
Delta R.T. -0.000 min

Lab File: VN069494.D

Acq: 15 Nov 2021 16:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 8688  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 72.4  | 46.9  | 140.7 |
| 157      | 101.4 | 60.6  | 181.7 |

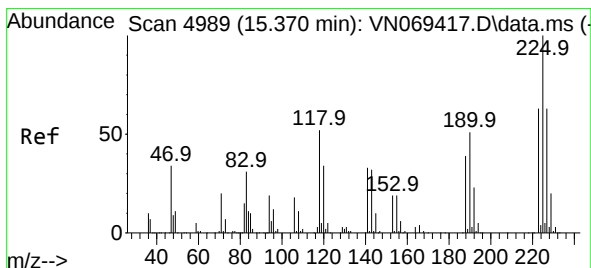
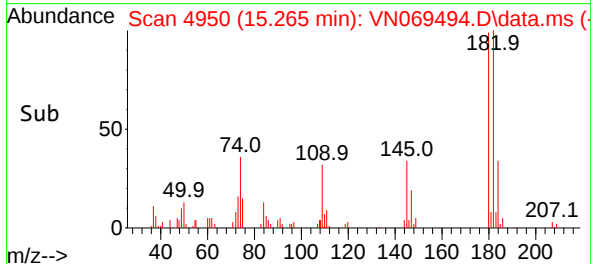
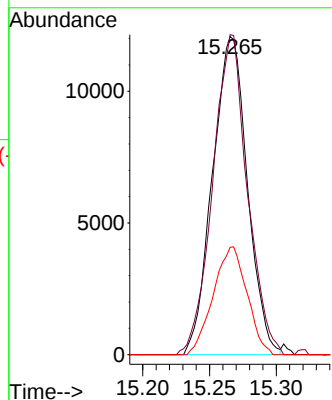
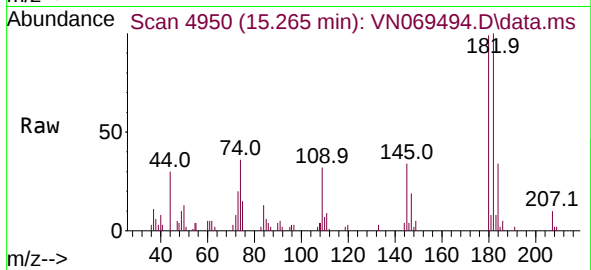




#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.543 ug/l  
 RT: 15.265 min Scan# 4950  
 Delta R.T. 0.000 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

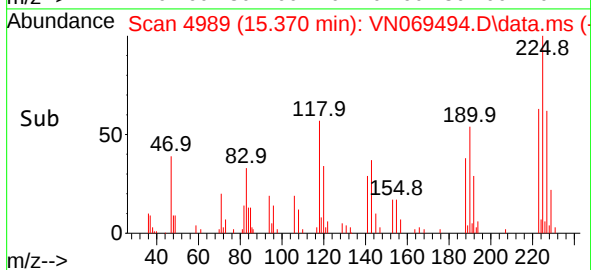
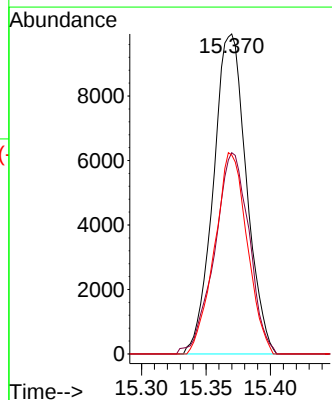
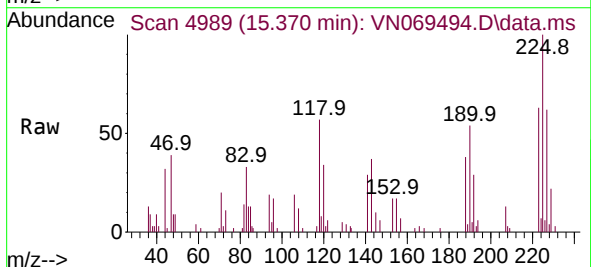
Instrument :  
 MSVOA\_N  
 ClientSampleId :

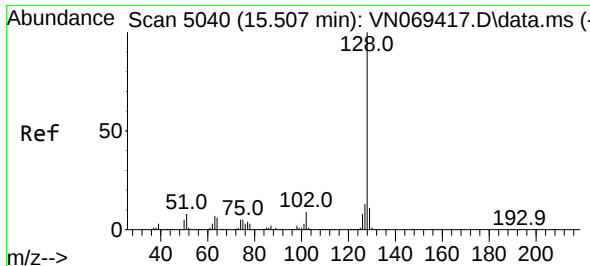
Tgt Ion:180 Resp: 21918  
 Ion Ratio Lower Upper  
 180 100  
 182 99.8 48.3 144.9  
 145 32.8 14.5 43.5



#94  
 Hexachlorobutadiene  
 Concen: 4.216 ug/l  
 RT: 15.370 min Scan# 4989  
 Delta R.T. -0.000 min  
 Lab File: VN069494.D  
 Acq: 15 Nov 2021 16:32

Tgt Ion:225 Resp: 17688  
 Ion Ratio Lower Upper  
 225 100  
 223 65.6 31.9 95.7  
 227 62.0 32.1 96.3

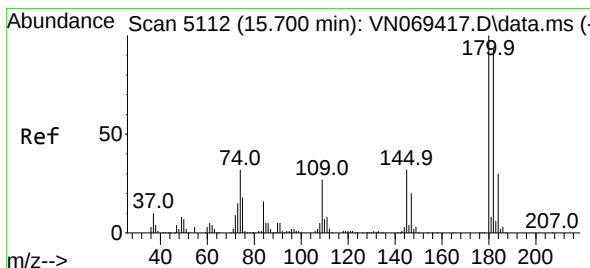
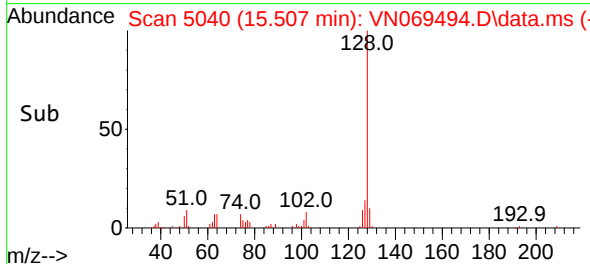
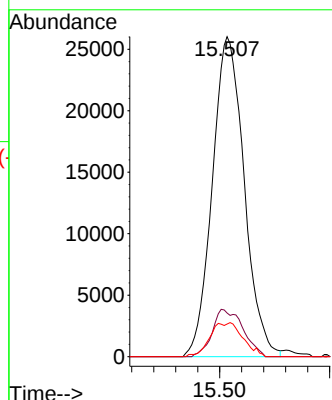
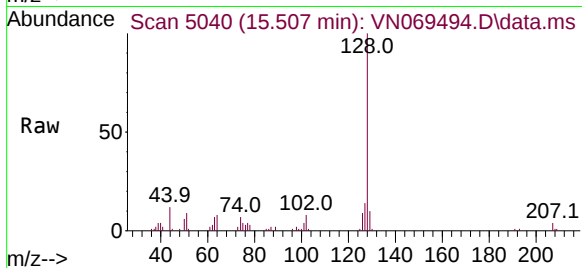




#95  
Naphthalene  
Concen: 6.449 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

Instrument :  
MSVOA\_N  
ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 14.2  | 10.5  | 15.7  |
| 129     | 5.2   | 8.7   | 13.1  |



#96  
1,2,3-Trichlorobenzene  
Concen: 5.603 ug/l  
RT: 15.700 min Scan# 5112  
Delta R.T. -0.000 min  
Lab File: VN069494.D  
Acq: 15 Nov 2021 16:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.4  | 47.4  | 142.2 |
| 145     | 33.8  | 15.0  | 45.1  |

