

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102722\  
 Data File : VN075034.D  
 Acq On : 27 Oct 2022 12:22  
 Operator : JC\MD  
 Sample : VN1027WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 28 02:13:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 09:48:49 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 103377   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106  | 114   | 192241   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 175669   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 83578    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.588  | 65    | 72764    | 52.240   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 104.480% |          |
| 35) Dibromofluoromethane     | 8.177  | 113   | 57542    | 50.987   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 101.980% |          |
| 50) Toluene-d8               | 10.571 | 98    | 224072   | 51.176   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 102.360% |          |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 79002    | 51.364   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 102.720% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.136  | 85    | 26372    | 19.610   | ug/l       | 96       |
| 3) Chloromethane             | 2.371  | 50    | 32679    | 22.877   | ug/l       | 97       |
| 4) Vinyl Chloride            | 2.524  | 62    | 43745    | 21.467   | ug/l       | 94       |
| 5) Bromomethane              | 2.942  | 94    | 35603    | 21.651   | ug/l       | 96       |
| 6) Chloroethane              | 3.112  | 64    | 29769    | 20.372   | ug/l       | 91       |
| 7) Trichlorofluoromethane    | 3.506  | 101   | 42651    | 20.489   | ug/l       | 96       |
| 8) Diethyl Ether             | 3.971  | 74    | 15040    | 19.808   | ug/l       | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 4.383  | 101   | 22848    | 19.874   | ug/l       | 98       |
| 10) Methyl Iodide            | 4.595  | 142   | 35425    | 20.698   | ug/l       | 95       |
| 11) Tert butyl alcohol       | 5.536  | 59    | 33943    | 104.496  | ug/l       | 99       |
| 12) 1,1-Dichloroethene       | 4.353  | 96    | 22182    | 20.242   | ug/l       | 98       |
| 13) Acrolein                 | 4.189  | 56    | 24840    | 93.493   | ug/l       | 97       |
| 14) Allyl chloride           | 5.036  | 41    | 29294    | 18.304   | ug/l       | 90       |
| 15) Acrylonitrile            | 5.736  | 53    | 73323    | 106.858  | ug/l       | 99       |
| 16) Acetone                  | 4.447  | 43    | 63676    | 107.965  | ug/l       | 96       |
| 17) Carbon Disulfide         | 4.724  | 76    | 53462    | 19.401   | ug/l       | 97       |
| 18) Methyl Acetate           | 5.036  | 43    | 40837    | 21.198   | ug/l       | 100      |
| 19) Methyl tert-butyl Ether  | 5.812  | 73    | 81542    | 20.021   | ug/l       | 98       |
| 20) Methylene Chloride       | 5.283  | 84    | 26843    | 20.413   | ug/l #     | 90       |
| 21) trans-1,2-Dichloroethene | 5.800  | 96    | 23310    | 19.428   | ug/l       | 94       |
| 22) Diisopropyl ether        | 6.683  | 45    | 71702    | 20.301   | ug/l       | 92       |
| 23) Vinyl Acetate            | 6.612  | 43    | 269297   | 91.307   | ug/l       | 98       |
| 24) 1,1-Dichloroethane       | 6.577  | 63    | 44760    | 20.038   | ug/l       | 96       |
| 25) 2-Butanone               | 7.494  | 43    | 99393    | 107.143  | ug/l       | 93       |
| 26) 2,2-Dichloropropane      | 7.506  | 77    | 42257    | 20.563   | ug/l       | 97       |
| 27) cis-1,2-Dichloroethene   | 7.494  | 96    | 28749    | 20.064   | ug/l       | 98       |
| 28) Bromochloromethane       | 7.824  | 49    | 19479    | 20.686   | ug/l       | 97       |
| 29) Tetrahydrofuran          | 7.847  | 42    | 65423    | 109.138  | ug/l       | 99       |
| 30) Chloroform               | 7.977  | 83    | 48023    | 19.801   | ug/l       | 100      |
| 31) Cyclohexane              | 8.265  | 56    | 39859    | 19.241   | ug/l       | 98       |
| 32) 1,1,1-Trichloroethane    | 8.177  | 97    | 44135    | 20.039   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 34953    | 20.005   | ug/l       | 97       |
| 37) Ethyl Acetate            | 7.571  | 43    | 39973    | 20.862   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 8.371  | 117   | 37306    | 19.411   | ug/l       | 98       |
| 39) Methylcyclohexane        | 9.606  | 83    | 44826    | 19.434   | ug/l       | 99       |
| 40) Benzene                  | 8.612  | 78    | 107423   | 20.080   | ug/l       | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102722\  
 Data File : VN075034.D  
 Acq On : 27 Oct 2022 12:22  
 Operator : JC\MD  
 Sample : VN1027WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 28 02:13:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 09:48:49 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 18891    | 20.578  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 39973    | 20.538  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 63323    | 21.305  | ug/l   | 97       |
| 44) Trichloroethene           | 9.359  | 130  | 26436    | 19.697  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.630  | 63   | 27190    | 21.357  | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 19959    | 20.123  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.894  | 83   | 38405    | 19.994  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.682  | 41   | 27632    | 20.267  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 15312    | 428.891 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 204349   | 106.546 | ug/l   | 98       |
| 52) Toluene                   | 10.635 | 92   | 72302    | 20.218  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 41236    | 20.339  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 42461    | 19.746  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 27749    | 19.570  | ug/l # | 84       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 44000    | 20.343  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 48004    | 20.329  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 83086    | 99.365  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.200 | 43   | 157018   | 107.868 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 29417    | 19.664  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 28569    | 19.660  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.106 | 164  | 21590    | 20.046  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.894 | 112  | 77043    | 20.546  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 26730    | 19.217  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 137431   | 20.372  | ug/l   | 95       |
| 68) m/p-Xylenes               | 12.076 | 106  | 109292   | 40.375  | ug/l   | 97       |
| 69) o-Xylene                  | 12.400 | 106  | 55013    | 20.550  | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 85905    | 20.126  | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 20157    | 19.355  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 138293   | 20.611  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 53662    | 21.624  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 45933    | 21.557  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 59893    | 33.750  | ug/l   | 71       |
| 77) Bromobenzene              | 12.982 | 156  | 30264    | 20.485  | ug/l   | 96       |
| 78) n-propylbenzene           | 13.035 | 91   | 158663   | 21.062  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 94900    | 20.615  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 118049   | 20.947  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 13901    | 20.108  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 94900    | 20.615  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 103272   | 20.623  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 119319   | 20.926  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 144749   | 20.663  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 117873   | 20.374  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 58592    | 20.255  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 56047    | 19.577  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 94350    | 20.252  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 21019    | 19.815  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 58202    | 20.239  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 9545     | 21.090  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 22707    | 18.349  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 11501    | 19.064  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 92431    | 19.423  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 23270    | 18.925  | ug/l   | 98       |

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Data File : VN075034.D  
Acq On : 27 Oct 2022 12:22  
Operator : JC\MD  
Sample : VN1027WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

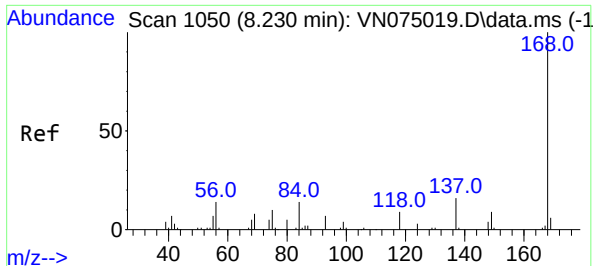
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Oct 28 02:13:05 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 09:48:49 2022  
Response via : Initial Calibration

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

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

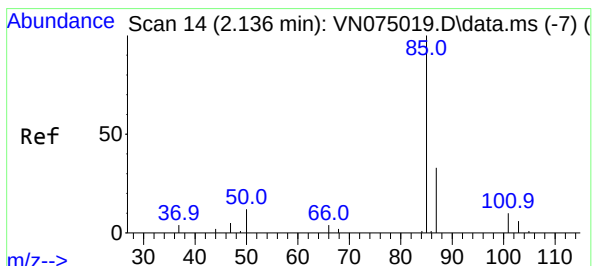
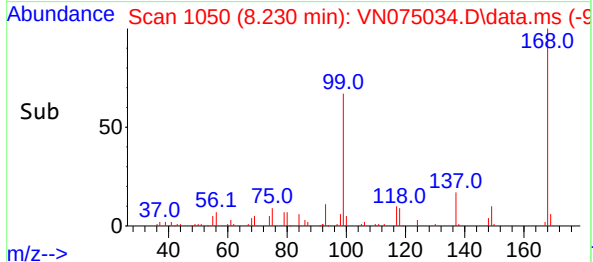
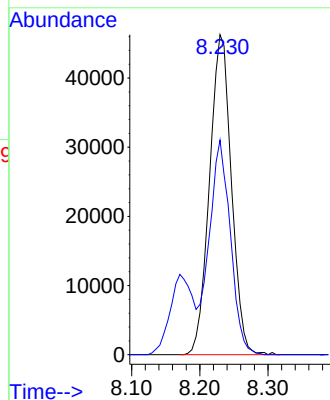
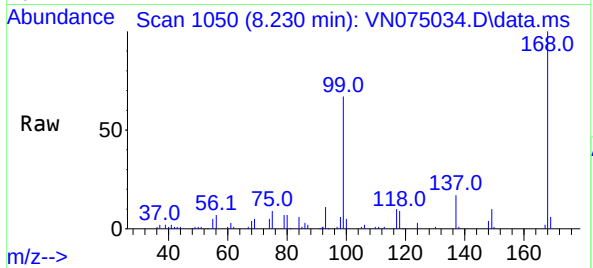




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

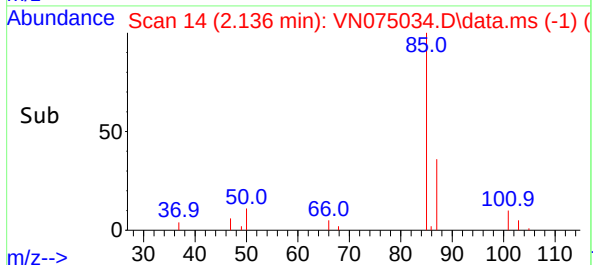
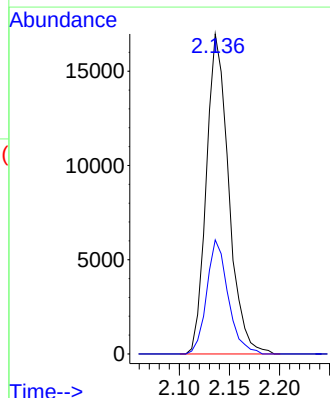
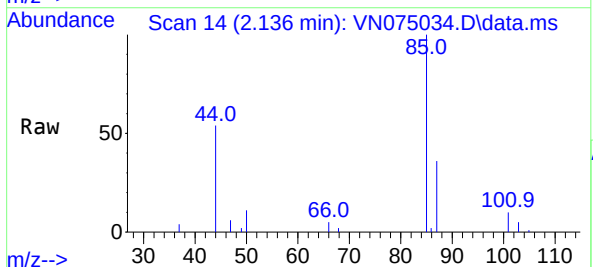
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MSVOA\_N  
ClientSampleId :

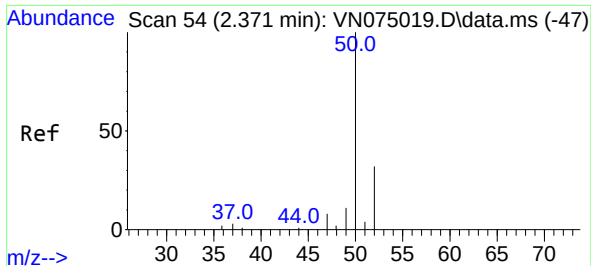
Tgt Ion:168 Resp: 103377  
Ion Ratio Lower Upper  
168 100  
99 67.0 51.6 77.4



#2  
Dichlorodifluoromethane  
Concen: 19.610 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 85 Resp: 26372  
Ion Ratio Lower Upper  
85 100  
87 35.6 16.7 50.0

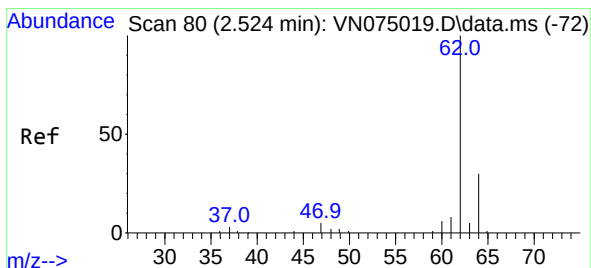
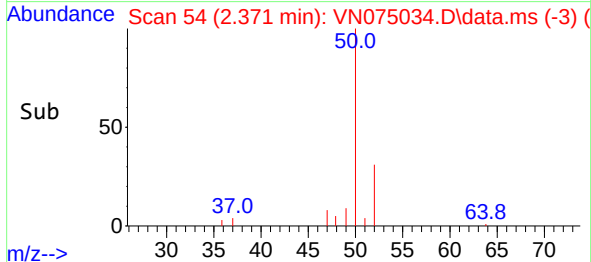
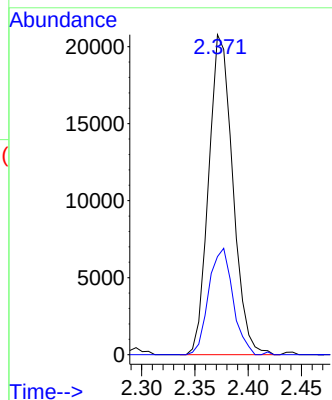
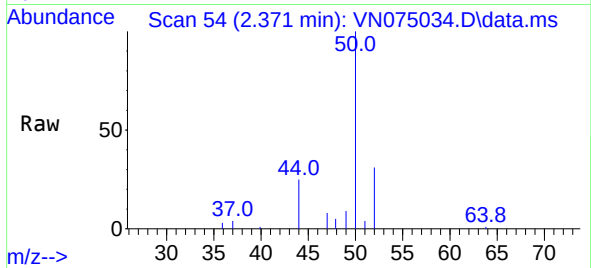




#3  
Chloromethane  
Concen: 22.877 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

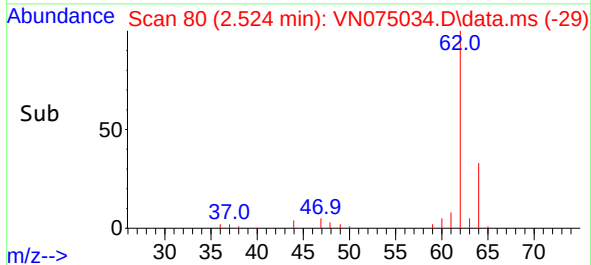
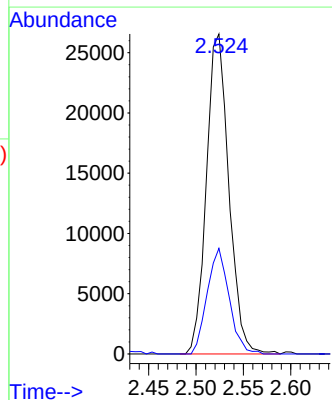
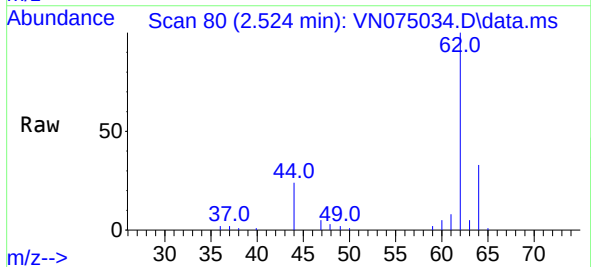
Instrument :  
MSVOA\_N  
ClientSampleId :

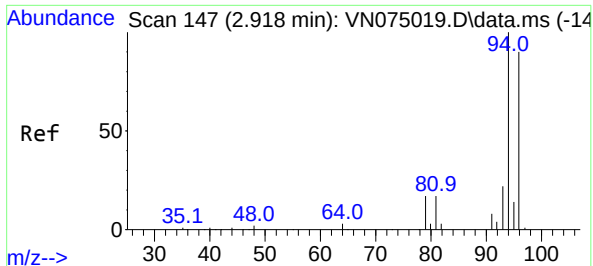
Tgt Ion: 50 Resp: 32679  
Ion Ratio Lower Upper  
50 100  
52 30.7 25.8 38.6



#4  
Vinyl Chloride  
Concen: 21.467 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 62 Resp: 43745  
Ion Ratio Lower Upper  
62 100  
64 33.0 24.0 36.0

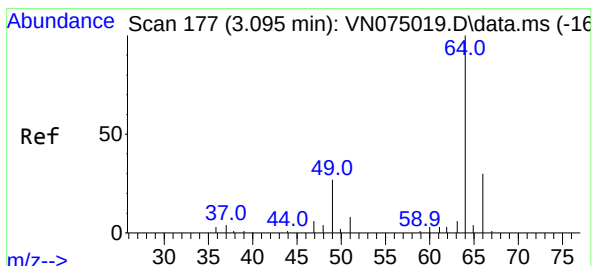
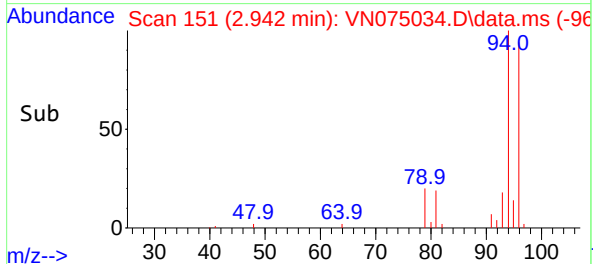
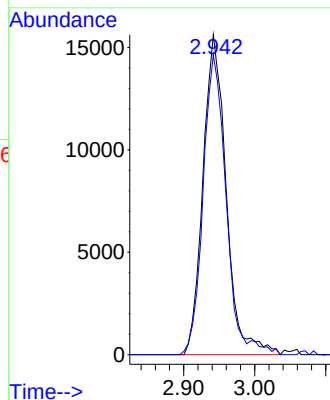
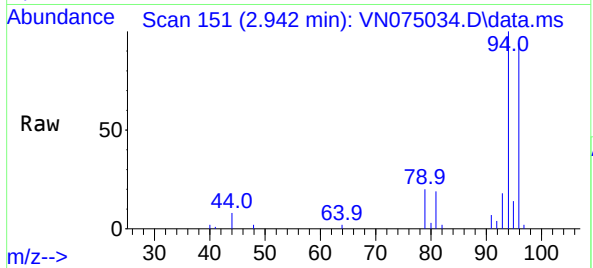




#5  
Bromomethane  
Concen: 21.651 ug/l  
RT: 2.942 min Scan# 11  
Delta R.T. 0.024 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

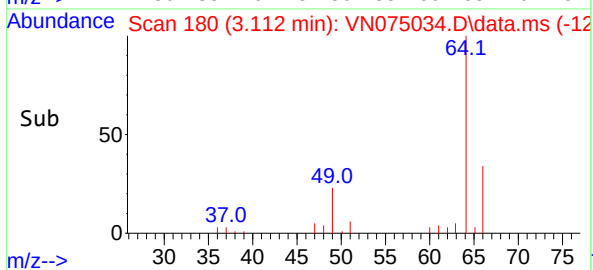
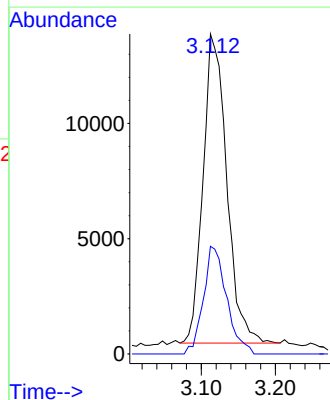
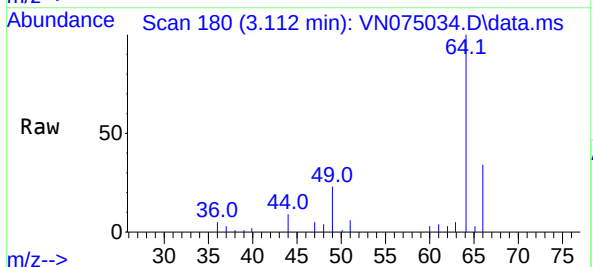
Instrument :  
MSVOA\_N  
ClientSampleId :

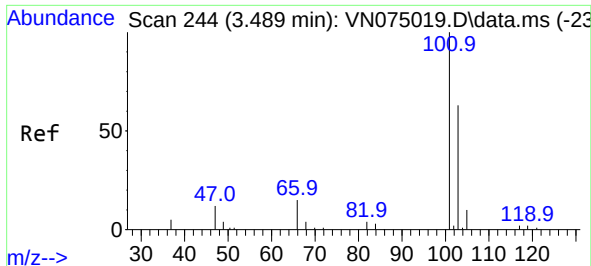
Tgt Ion: 94 Resp: 35603  
Ion Ratio Lower Upper  
94 100  
96 93.7 71.8 107.6



#6  
Chloroethane  
Concen: 20.372 ug/l  
RT: 3.112 min Scan# 180  
Delta R.T. 0.017 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 64 Resp: 29769  
Ion Ratio Lower Upper  
64 100  
66 34.8 23.8 35.8

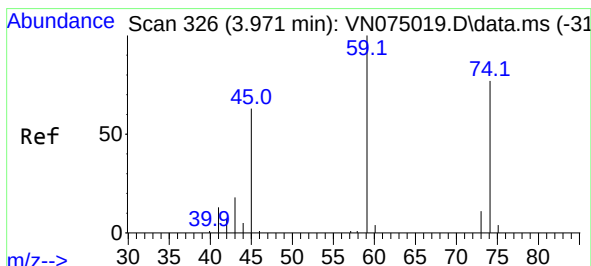
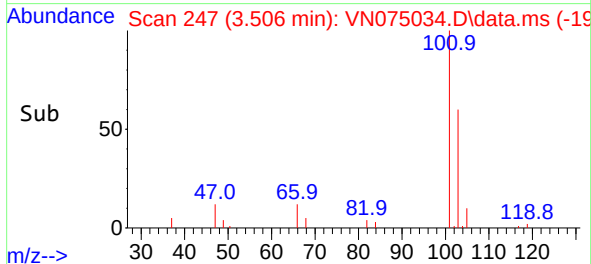
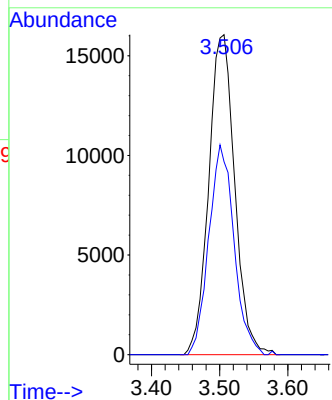
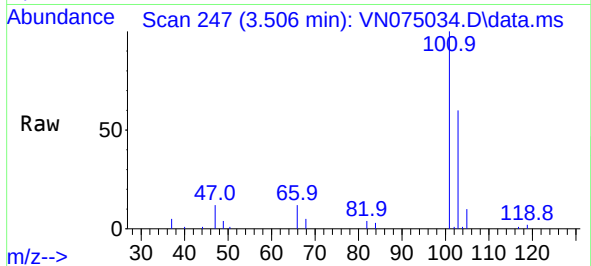




#7  
 Trichlorofluoromethane  
 Concen: 20.489 ug/l  
 RT: 3.506 min Scan# 244  
 Delta R.T. 0.017 min  
 Lab File: VN075034.D  
 Acq: 27 Oct 2022 12:22

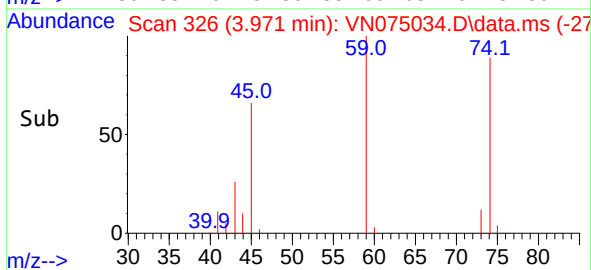
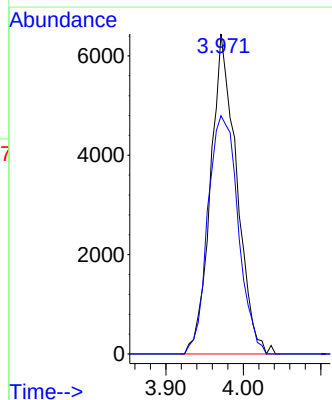
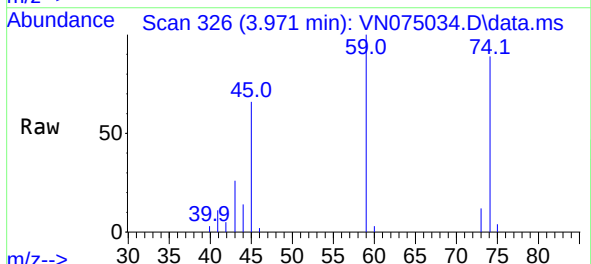
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:101 Resp: 42651  
 Ion Ratio Lower Upper  
 101 100  
 103 60.3 50.5 75.7

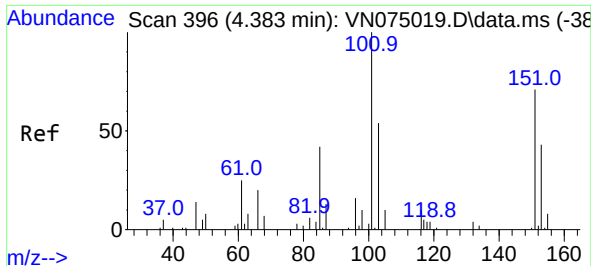


#8  
 Diethyl Ether  
 Concen: 19.808 ug/l  
 RT: 3.971 min Scan# 326  
 Delta R.T. 0.000 min  
 Lab File: VN075034.D  
 Acq: 27 Oct 2022 12:22

Tgt Ion: 74 Resp: 15040  
 Ion Ratio Lower Upper  
 74 100  
 45 86.3 39.3 117.9



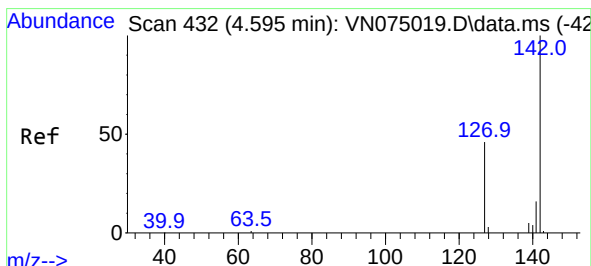
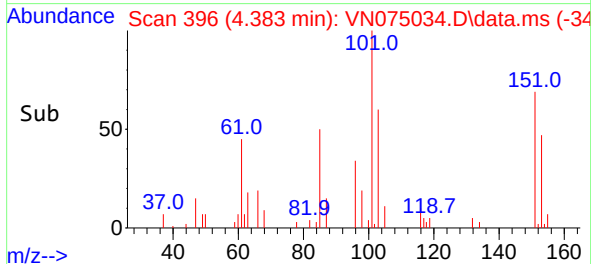
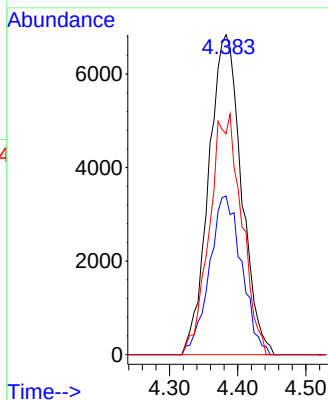
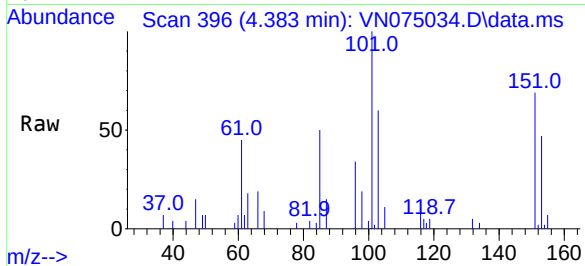




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.874 ug/l  
RT: 4.383 min Scan# 396  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

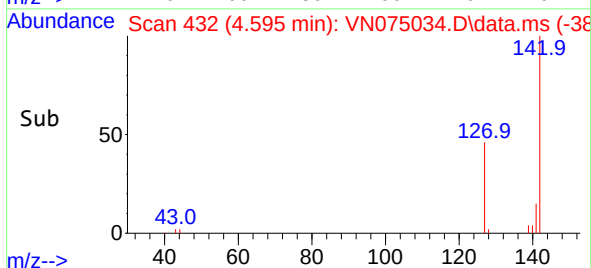
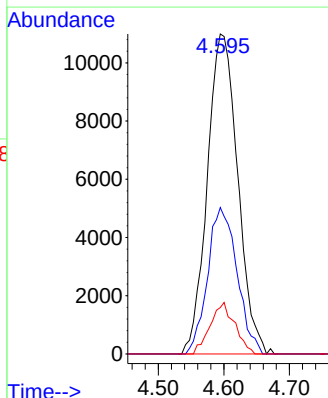
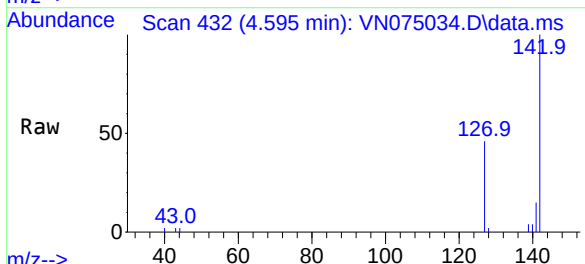
Instrument :  
MSVOA\_N  
ClientSampleId :

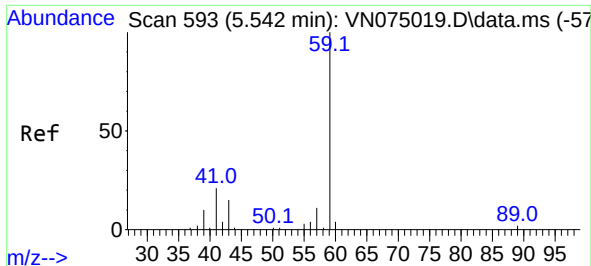
Tgt Ion:101 Resp: 22848  
Ion Ratio Lower Upper  
101 100  
85 49.0 37.6 56.4  
151 73.8 58.3 87.5



#10  
Methyl Iodide  
Concen: 20.698 ug/l  
RT: 4.595 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion:142 Resp: 35425  
Ion Ratio Lower Upper  
142 100  
127 44.2 38.0 57.0  
141 13.0 12.2 18.4

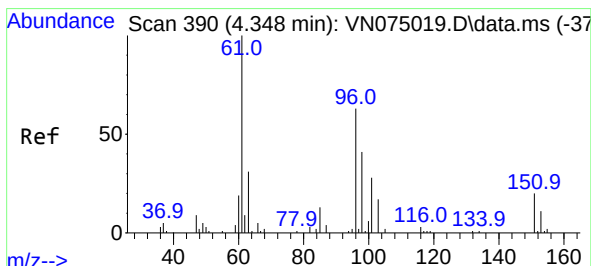
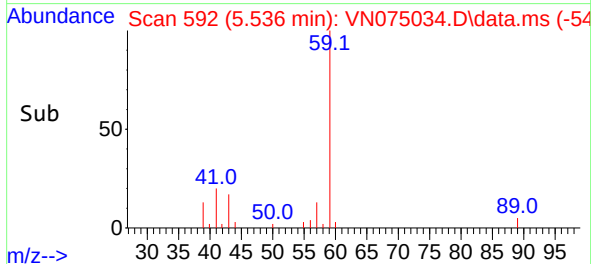
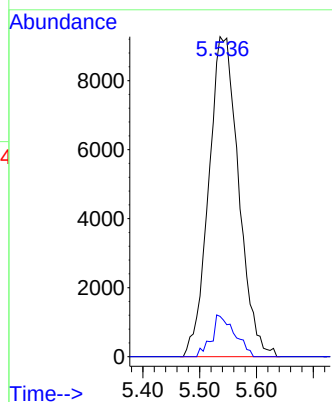
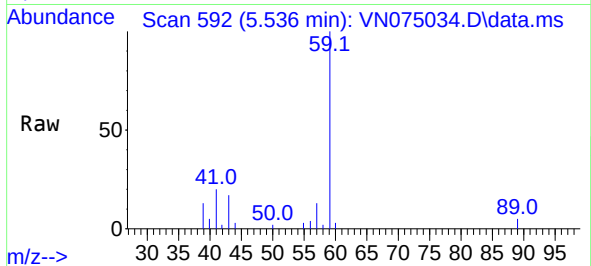




#11  
Tert butyl alcohol  
Concen: 104.496 ug/l  
RT: 5.536 min Scan# 591  
Delta R.T. -0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

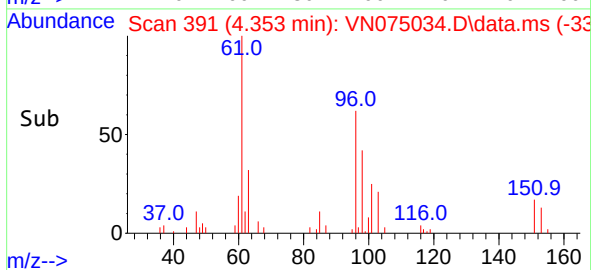
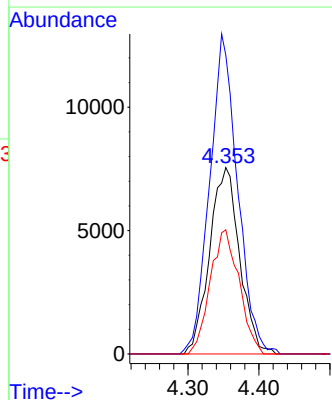
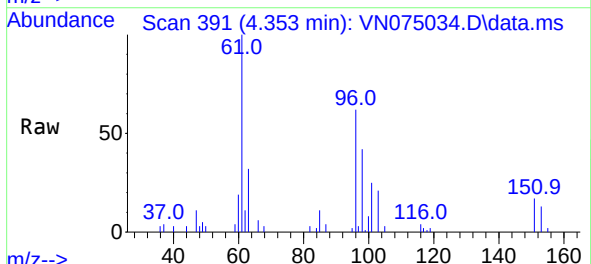
Instrument :  
MSVOA\_N  
ClientSampleId :

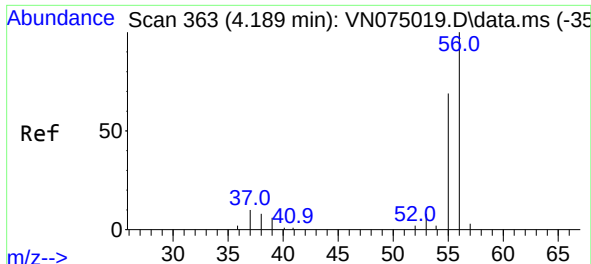
Tgt Ion: 59 Resp: 33943  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 20.242 ug/l  
RT: 4.353 min Scan# 391  
Delta R.T. 0.005 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 96 Resp: 22182  
Ion Ratio Lower Upper  
96 100  
61 160.4 126.2 189.4  
98 66.7 51.5 77.3

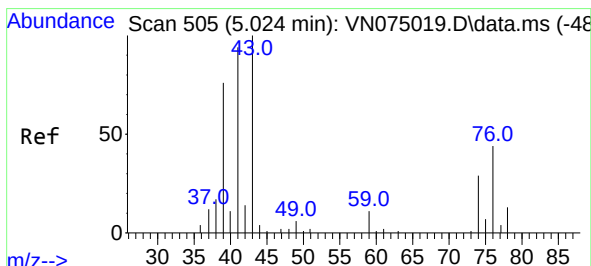
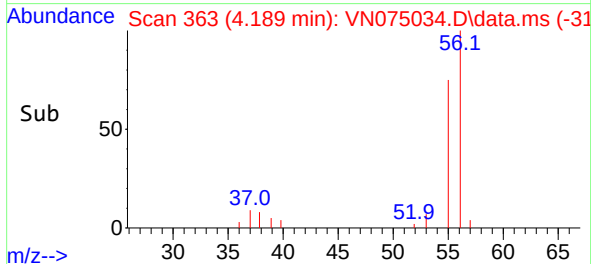
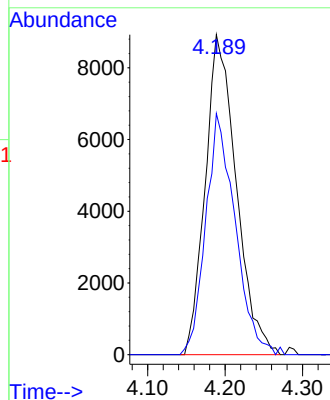
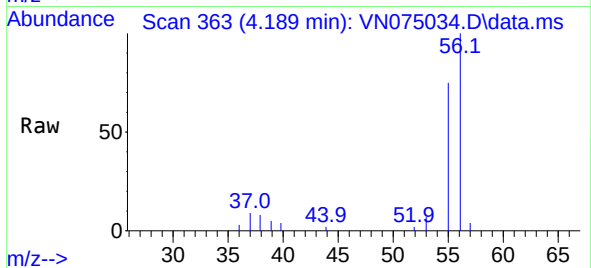




#13  
Acrolein  
Concen: 93.493 ug/l  
RT: 4.189 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

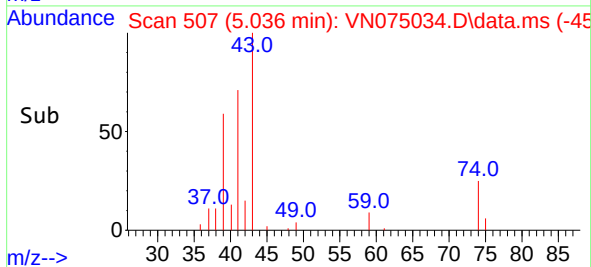
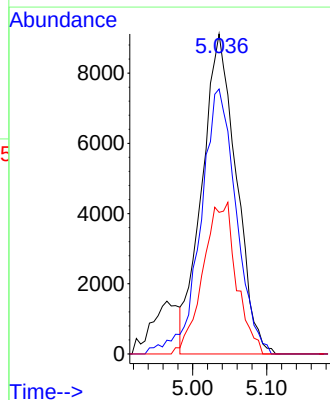
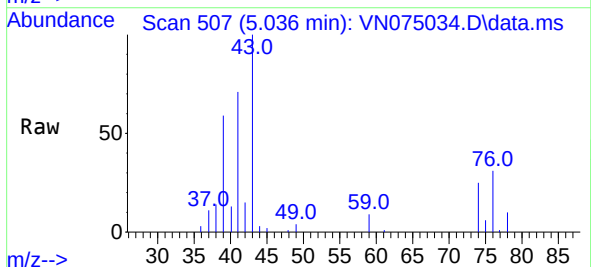
Instrument :  
MSVOA\_N  
ClientSampleId :

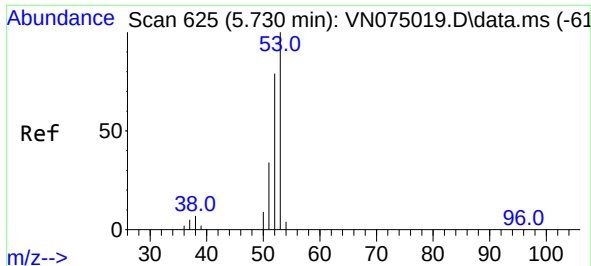
Tgt Ion: 56 Resp: 24840  
Ion Ratio Lower Upper  
56 100  
55 71.6 55.2 82.8



#14  
Allyl chloride  
Concen: 18.304 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. 0.012 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 41 Resp: 29294  
Ion Ratio Lower Upper  
41 100  
39 85.8 61.0 91.4  
76 46.0 33.4 50.0

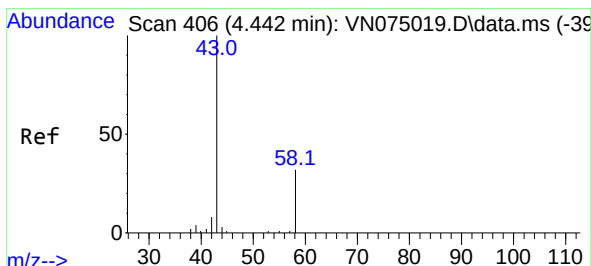
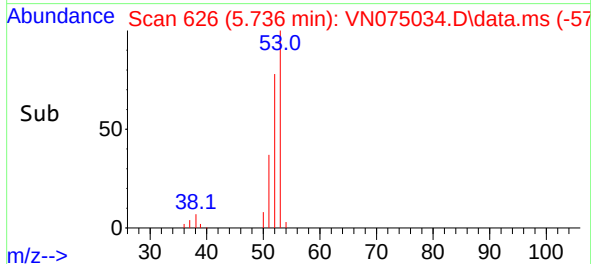
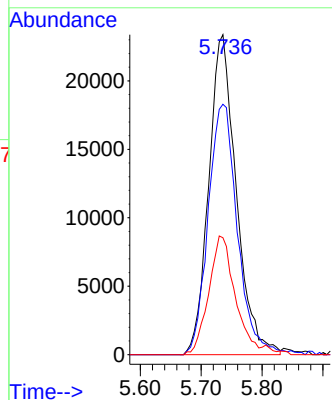
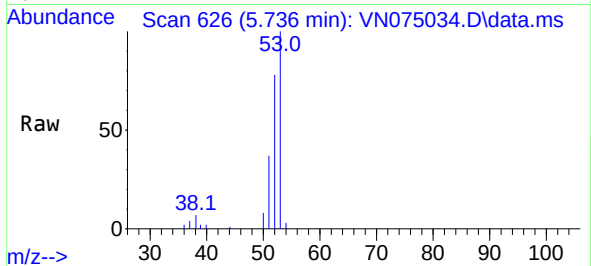




#15  
Acrylonitrile  
Concen: 106.858 ug/l  
RT: 5.736 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

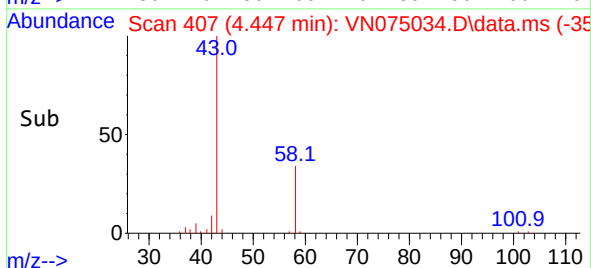
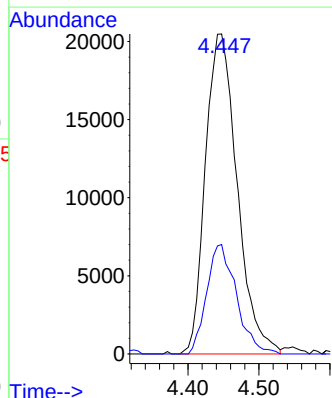
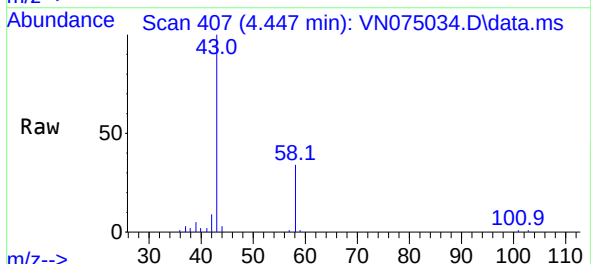
Instrument :  
MSVOA\_N  
ClientSampleId :

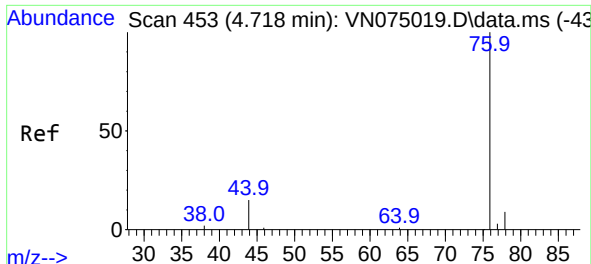
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 73323 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.4  | 66.4  | 99.6  |
| 51       | 35.7  | 29.6  | 44.4  |



#16  
Acetone  
Concen: 107.965 ug/l  
RT: 4.447 min Scan# 407  
Delta R.T. 0.005 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 63676 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 34.2  | 25.5  | 38.3  |

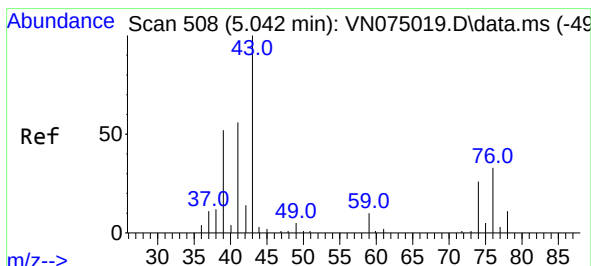
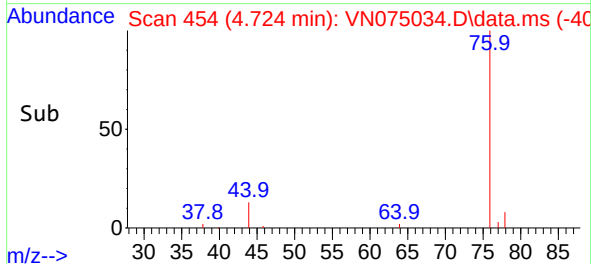
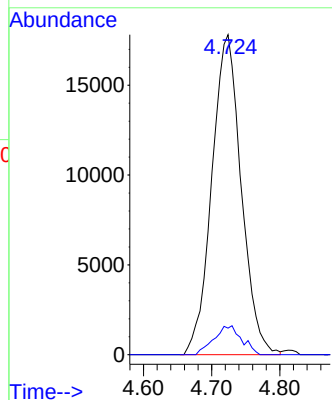
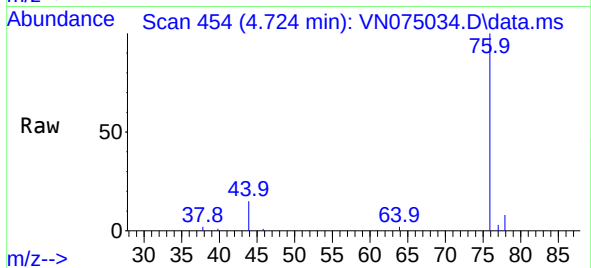




#17  
Carbon Disulfide  
Concen: 19.401 ug/l  
RT: 4.724 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

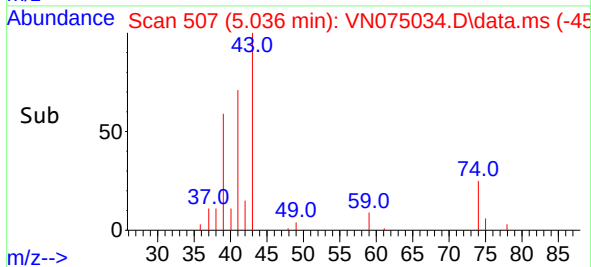
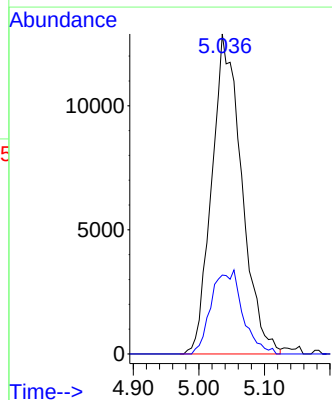
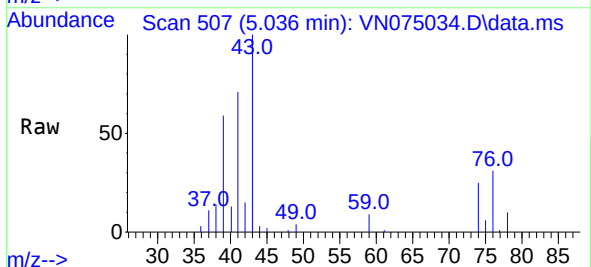
Instrument :  
MSVOA\_N  
ClientSampleId :

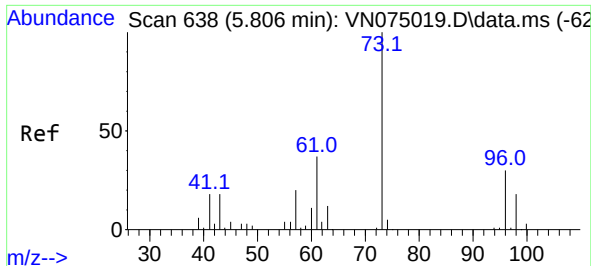
Tgt Ion: 76 Resp: 53462  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.4 11.2



#18  
Methyl Acetate  
Concen: 21.198 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. -0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 43 Resp: 40837  
Ion Ratio Lower Upper  
43 100  
74 27.3 22.0 33.0

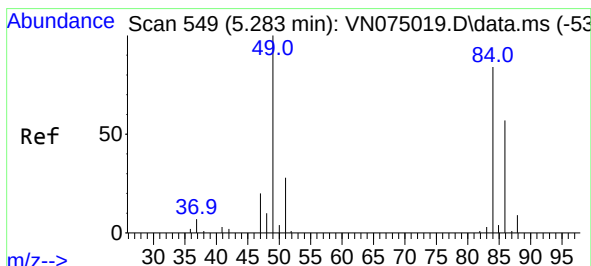
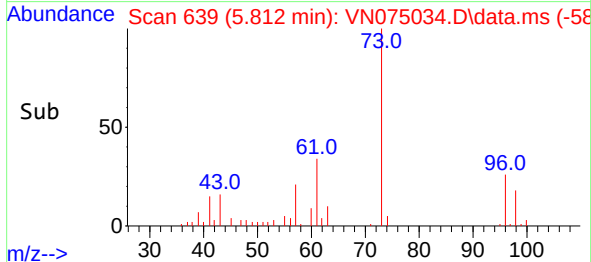
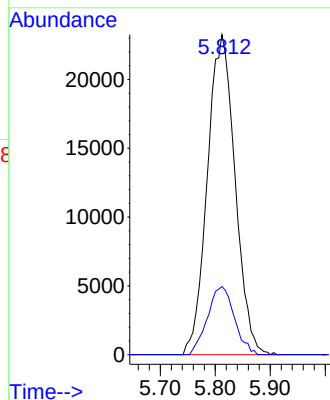
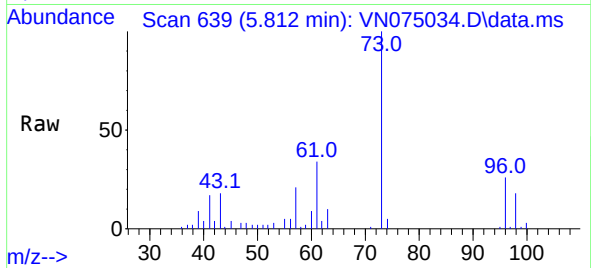




#19  
Methyl tert-butyl Ether  
Concen: 20.021 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

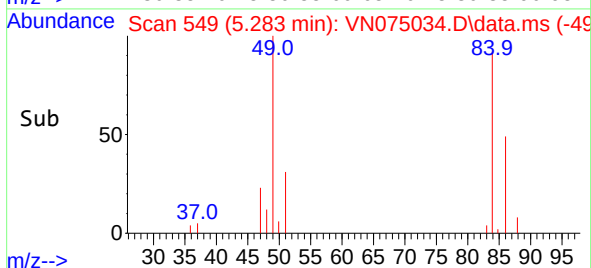
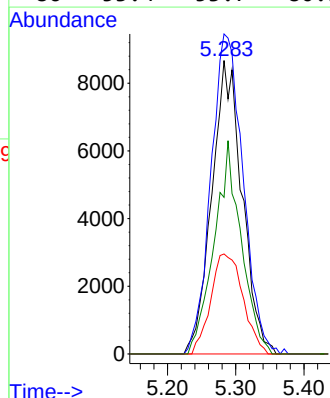
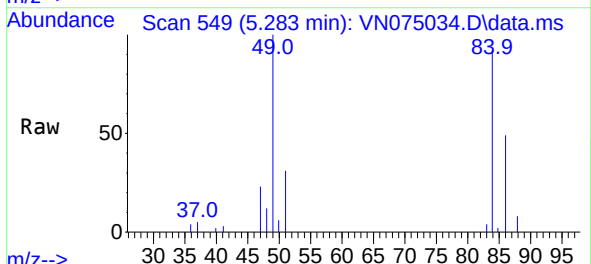
Instrument :  
MSVOA\_N  
ClientSampleId :

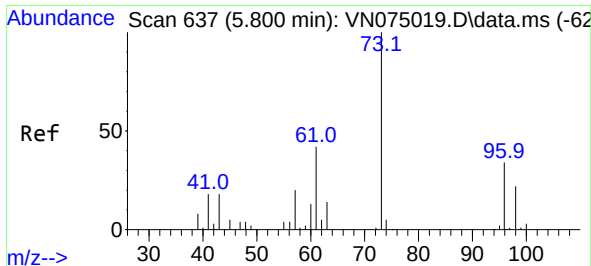
Tgt Ion: 73 Resp: 81542  
Ion Ratio Lower Upper  
73 100  
57 21.3 16.3 24.5



#20  
Methylene Chloride  
Concen: 20.413 ug/l  
RT: 5.283 min Scan# 549  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

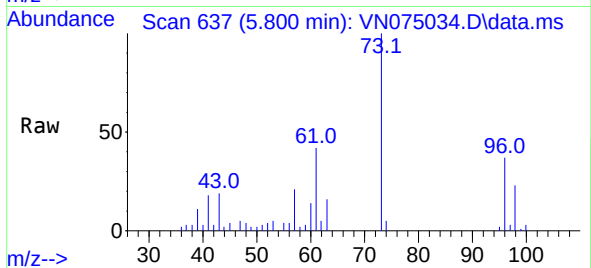
Tgt Ion: 84 Resp: 26843  
Ion Ratio Lower Upper  
84 100  
49 109.1 94.9 142.3  
51 34.1 26.8 40.2  
86 53.4 53.7 80.5#



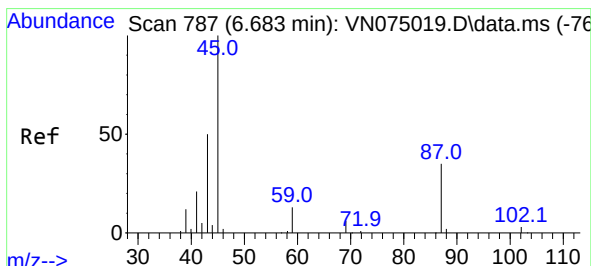
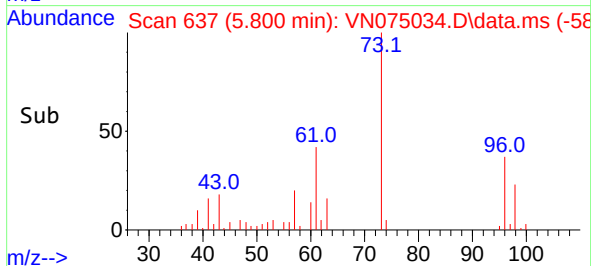
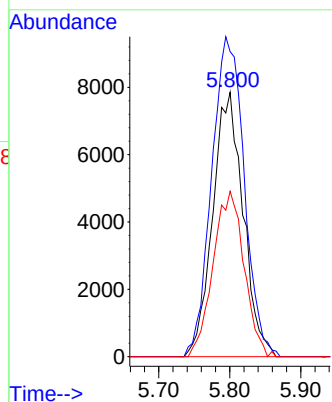


#21  
trans-1,2-Dichloroethene  
Concen: 19.428 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

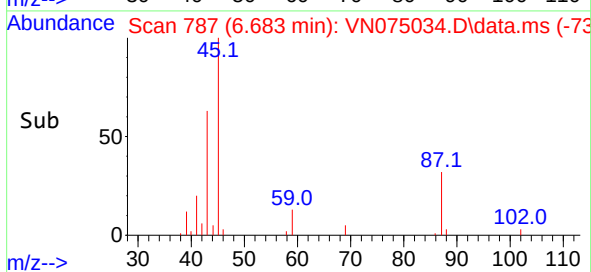
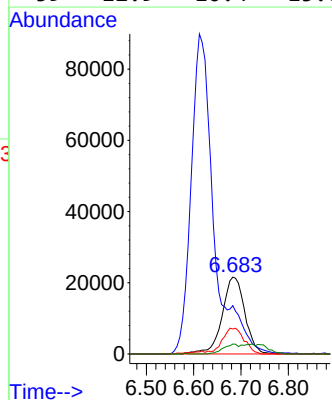
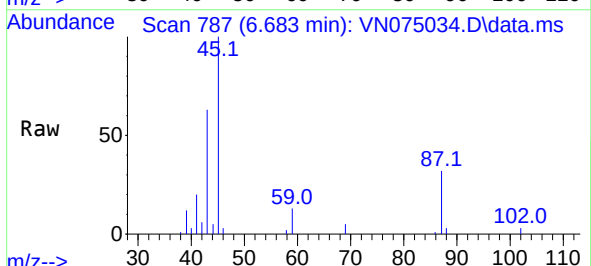


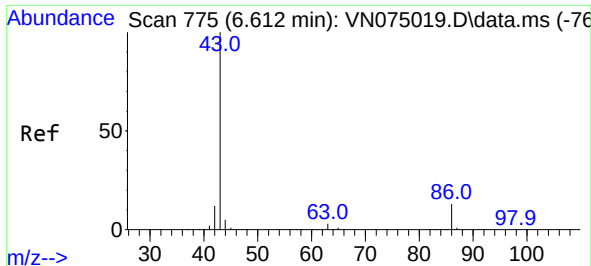
Tgt Ion: 96 Resp: 23310  
Ion Ratio Lower Upper  
96 100  
61 115.4 99.9 149.9  
98 62.6 51.5 77.3



#22  
Diisopropyl ether  
Concen: 20.301 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 45 Resp: 71702  
Ion Ratio Lower Upper  
45 100  
43 61.7 42.8 64.2  
87 32.5 28.4 42.6  
59 12.9 10.4 15.6

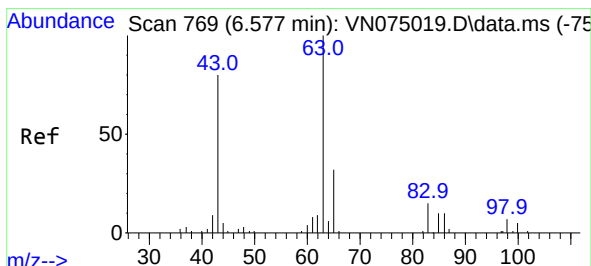
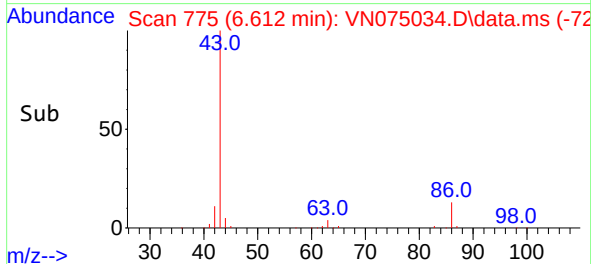
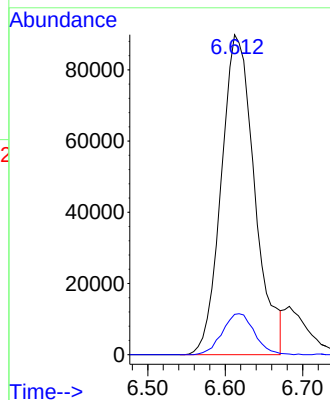
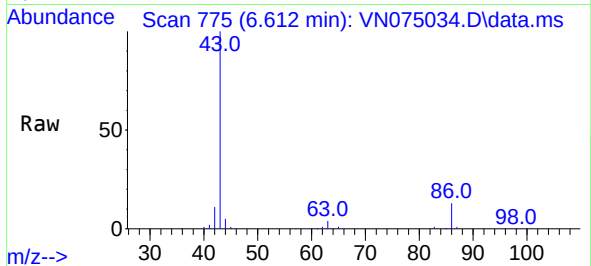




#23  
 Vinyl Acetate  
 Concen: 91.307 ug/l  
 RT: 6.612 min Scan# 775  
 Delta R.T. 0.000 min  
 Lab File: VN075034.D  
 Acq: 27 Oct 2022 12:22

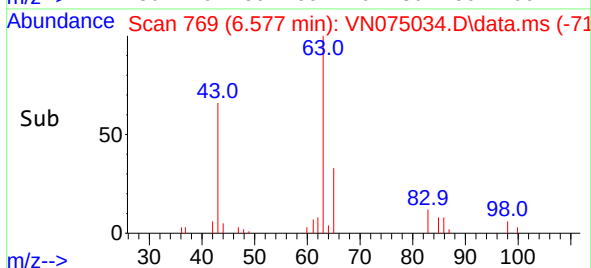
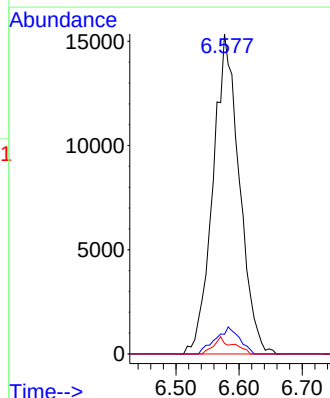
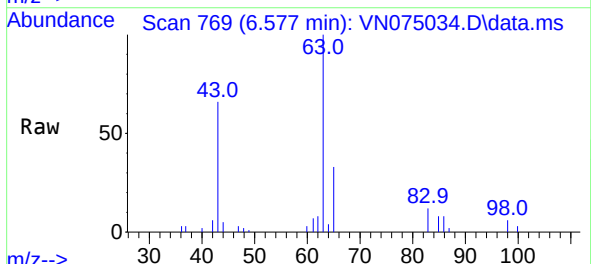
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 269297  
 Ion Ratio Lower Upper  
 43 100  
 86 12.6 10.7 16.1

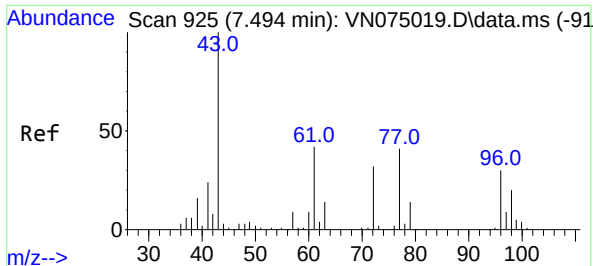


#24  
 1,1-Dichloroethane  
 Concen: 20.038 ug/l  
 RT: 6.577 min Scan# 769  
 Delta R.T. -0.000 min  
 Lab File: VN075034.D  
 Acq: 27 Oct 2022 12:22

Tgt Ion: 63 Resp: 44760  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.6 10.8  
 100 3.3 2.4 7.2



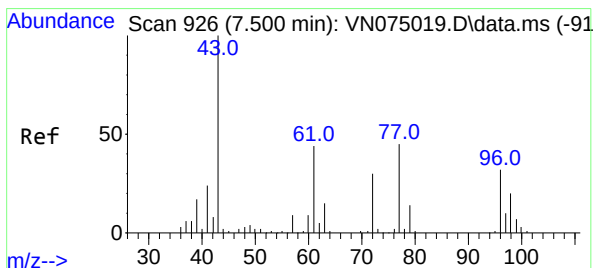
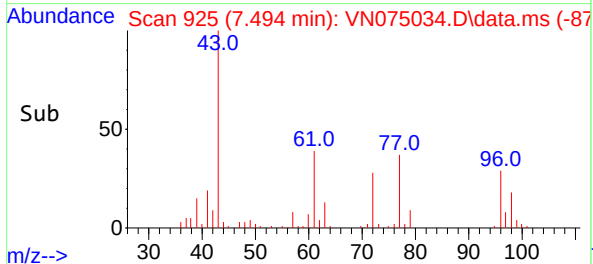
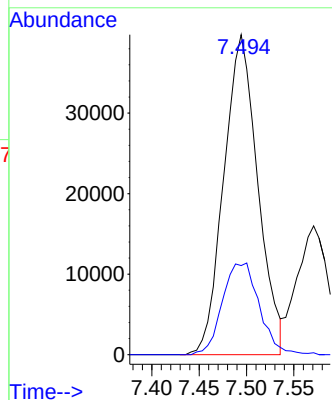
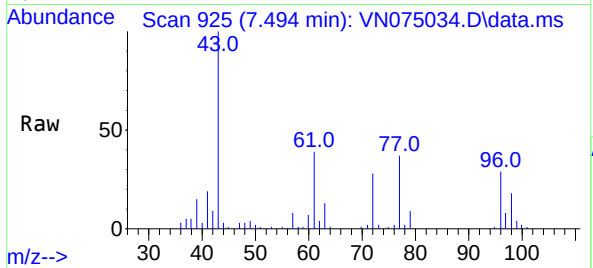




#25  
2-Butanone  
Concen: 107.143 ug/l  
RT: 7.494 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

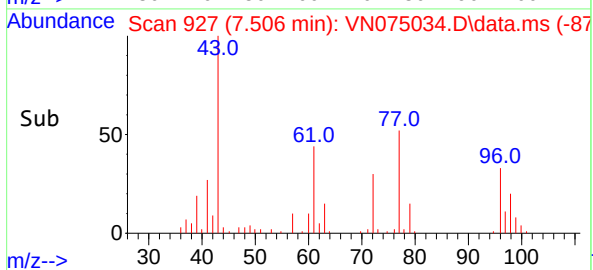
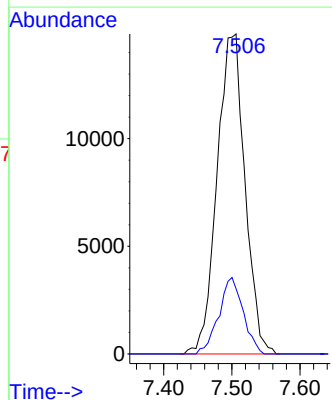
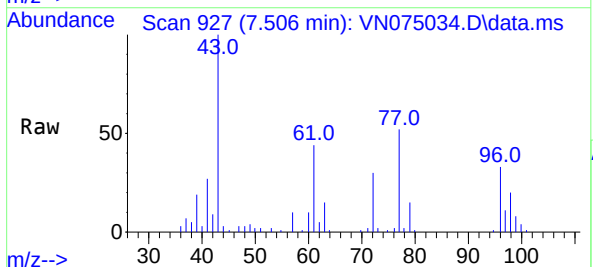
Instrument :  
MSVOA\_N  
ClientSampleId :

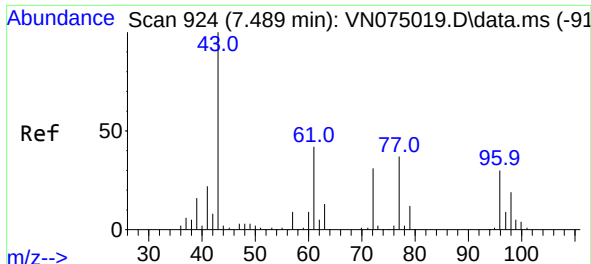
Tgt Ion: 43 Resp: 99393  
Ion Ratio Lower Upper  
43 100  
72 27.9 25.5 38.3



#26  
2,2-Dichloropropane  
Concen: 20.563 ug/l  
RT: 7.506 min Scan# 927  
Delta R.T. 0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 77 Resp: 42257  
Ion Ratio Lower Upper  
77 100  
97 20.9 11.2 33.6

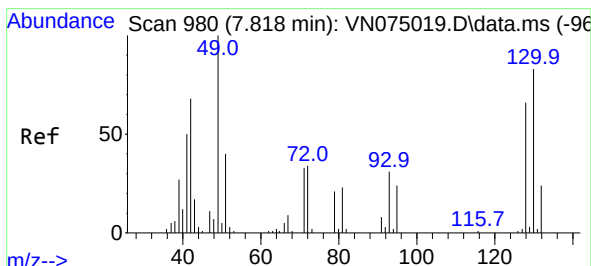
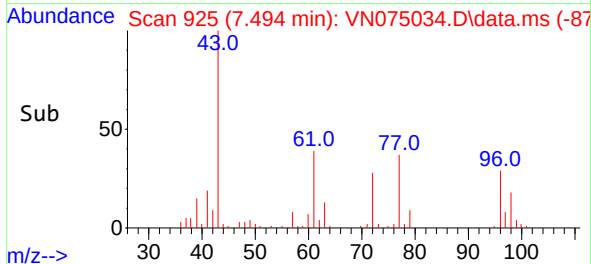
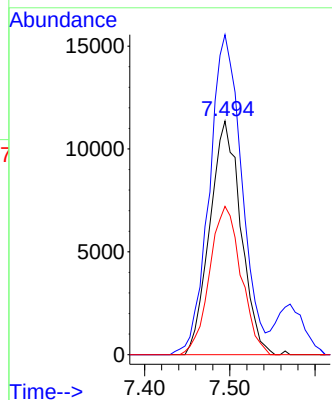
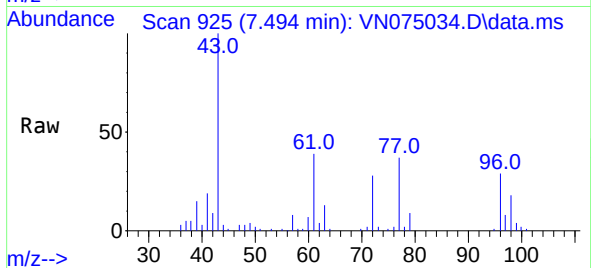




#27  
cis-1,2-Dichloroethene  
Concen: 20.064 ug/l  
RT: 7.494 min Scan# 91  
Delta R.T. 0.005 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

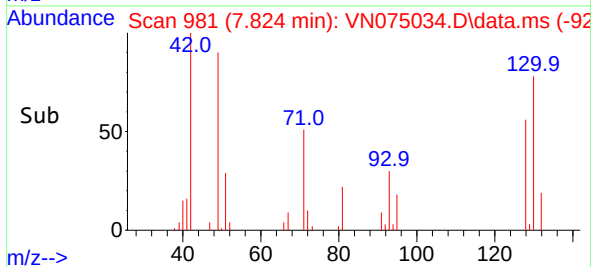
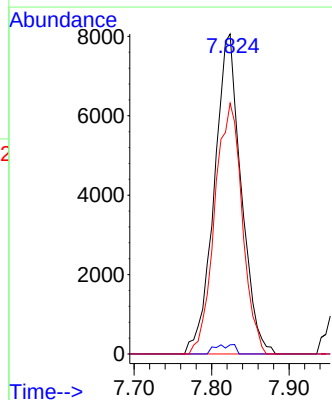
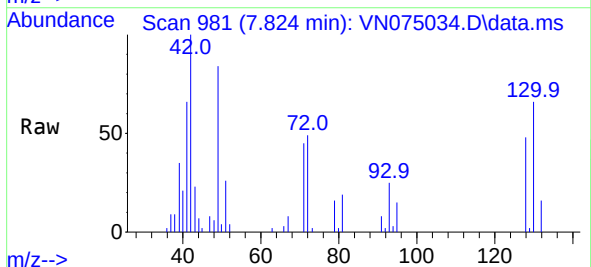
Instrument :  
MSVOA\_N  
ClientSampleId :

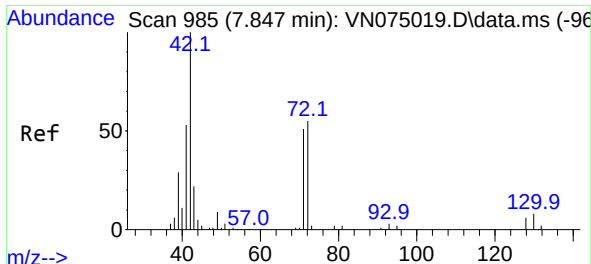
Tgt Ion: 96 Resp: 28749  
Ion Ratio Lower Upper  
96 100  
61 142.7 0.0 278.8  
98 64.5 0.0 128.4



#28  
Bromochloromethane  
Concen: 20.686 ug/l  
RT: 7.824 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 49 Resp: 19479  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.6  
130 79.9 66.2 99.4

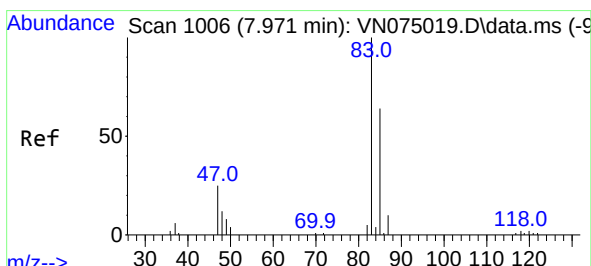
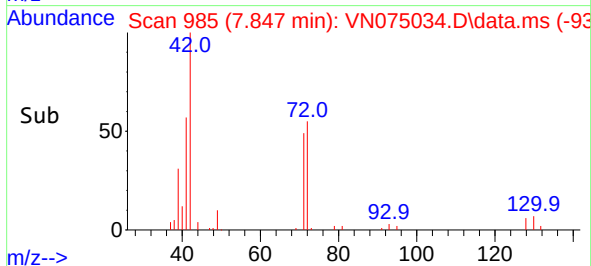
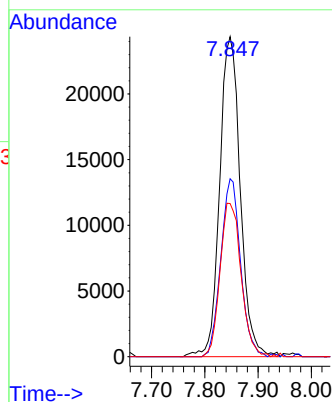
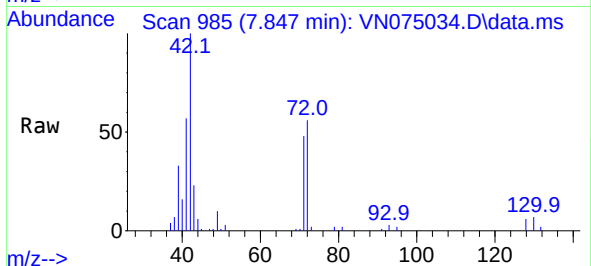




#29  
Tetrahydrofuran  
Concen: 109.138 ug/l  
RT: 7.847 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

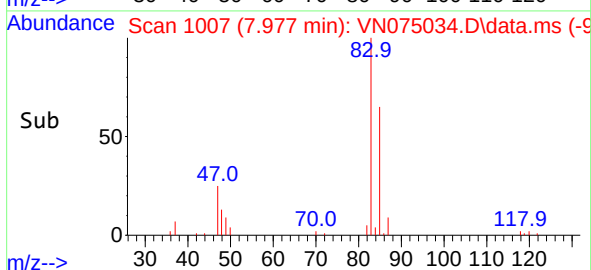
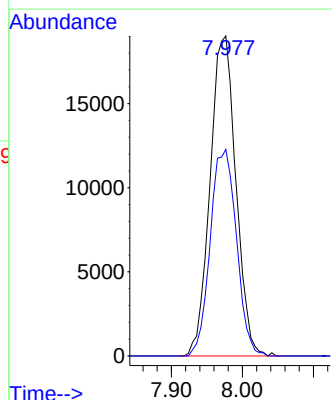
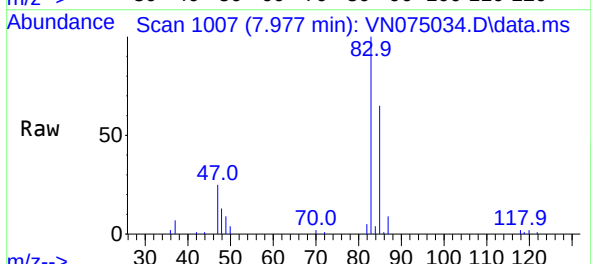
Instrument :  
MSVOA\_N  
ClientSampleId :

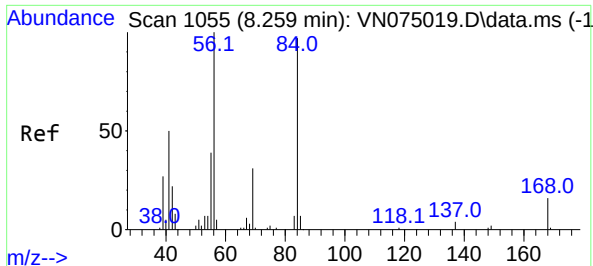
Tgt Ion: 42 Resp: 65423  
Ion Ratio Lower Upper  
42 100  
72 53.2 43.0 64.6  
71 48.9 39.9 59.9



#30  
Chloroform  
Concen: 19.801 ug/l  
RT: 7.977 min Scan# 1007  
Delta R.T. 0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

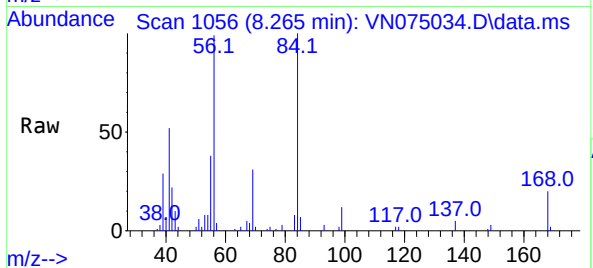
Tgt Ion: 83 Resp: 48023  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.4 77.0



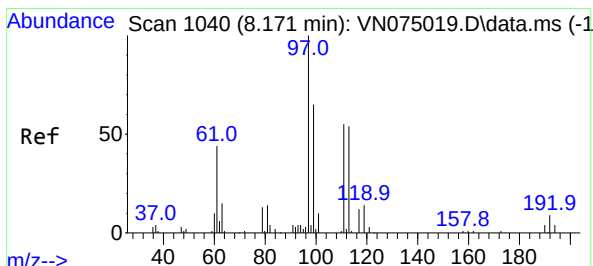
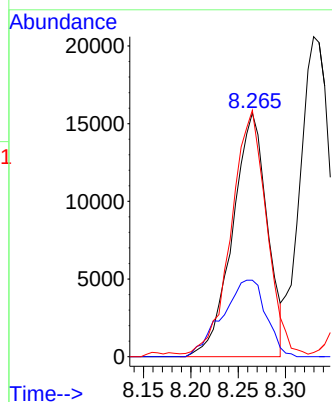
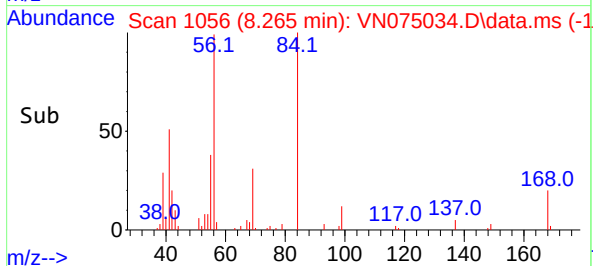


#31  
Cyclohexane  
Concen: 19.241 ug/l  
RT: 8.265 min Scan# 1055  
Delta R.T. 0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

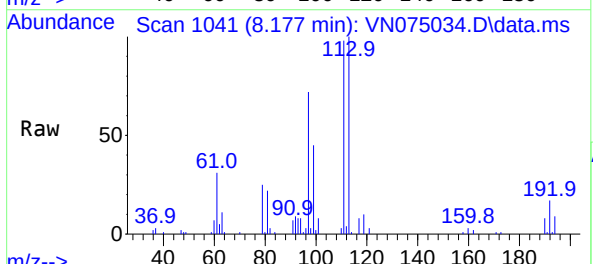
Instrument :  
MSVOA\_N  
ClientSampleId :



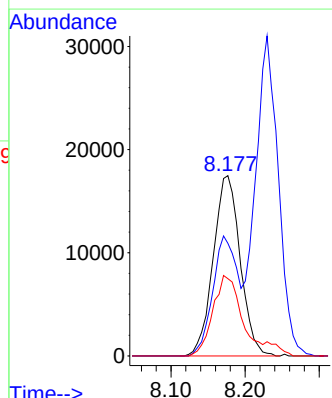
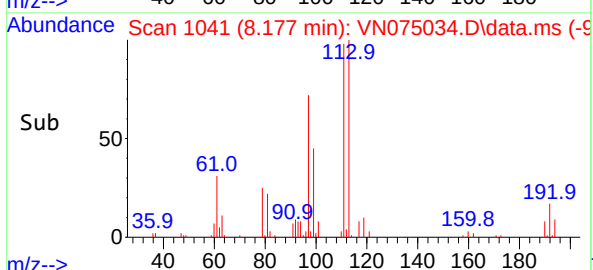
Tgt Ion: 56 Resp: 39859  
Ion Ratio Lower Upper  
56 100  
69 31.4 25.2 37.8  
84 99.9 77.8 116.8

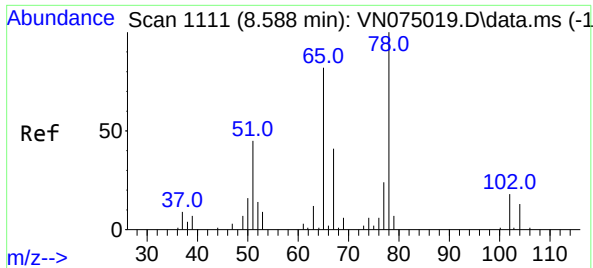


#32  
1,1,1-Trichloroethane  
Concen: 20.039 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22



Tgt Ion: 97 Resp: 44135  
Ion Ratio Lower Upper  
97 100  
99 60.5 50.2 75.2  
61 47.2 37.0 55.6

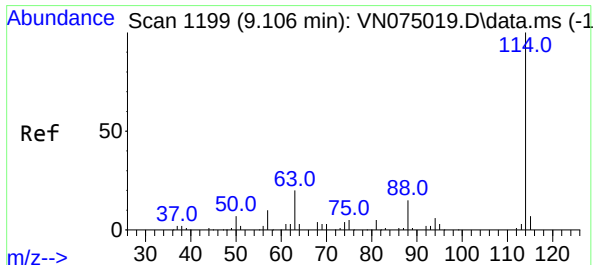
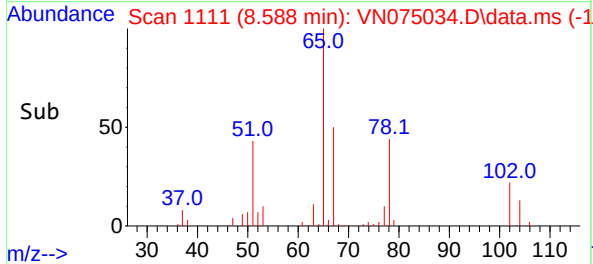
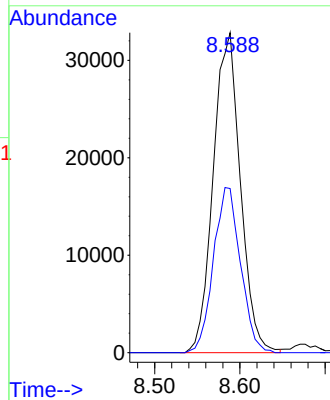
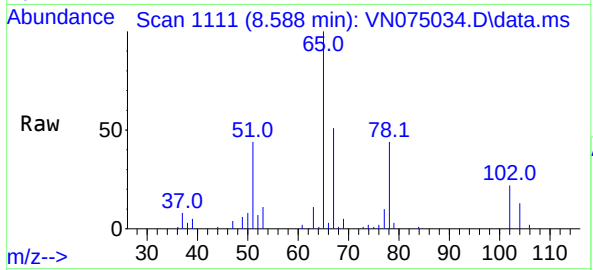




#33  
1,2-Dichloroethane-d4  
Concen: 52.240 ug/l  
RT: 8.588 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

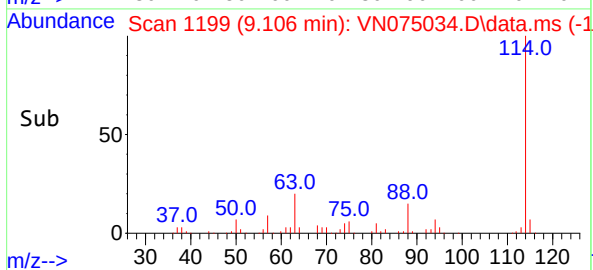
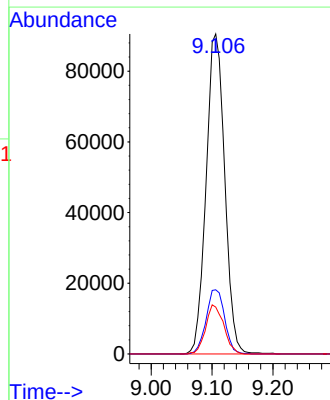
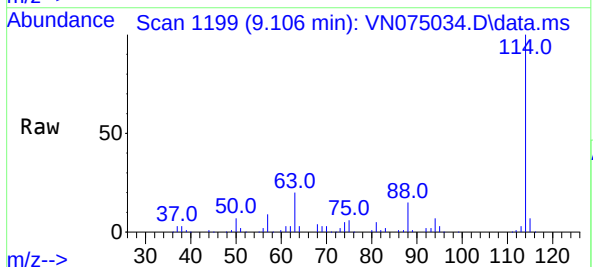
Instrument :  
MSVOA\_N  
ClientSampleId :

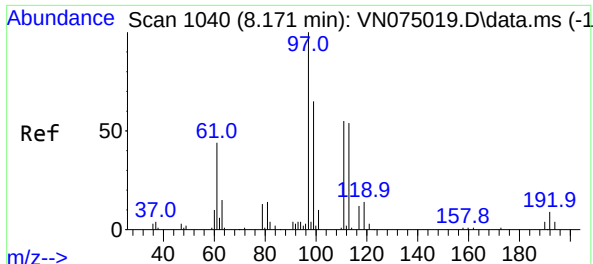
Tgt Ion: 65 Resp: 72764  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 102.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

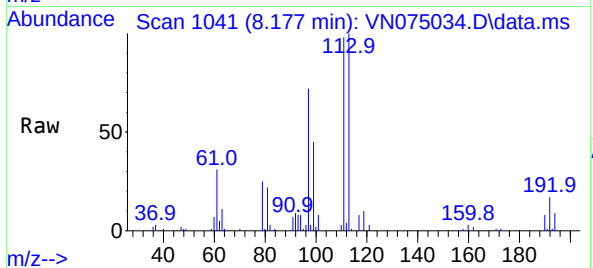
Tgt Ion: 114 Resp: 192241  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 39.6  
88 14.6 0.0 29.0



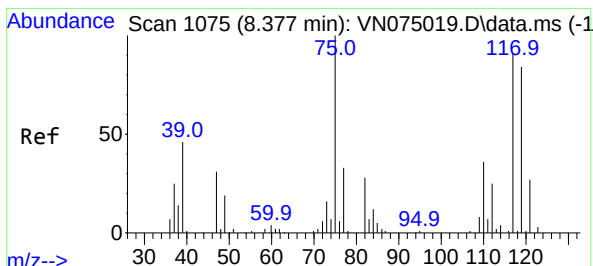
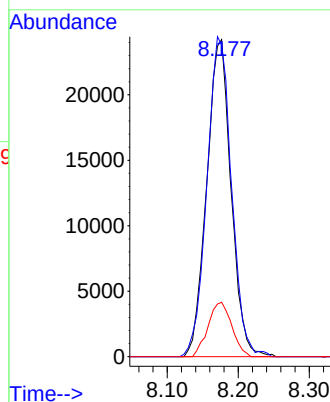
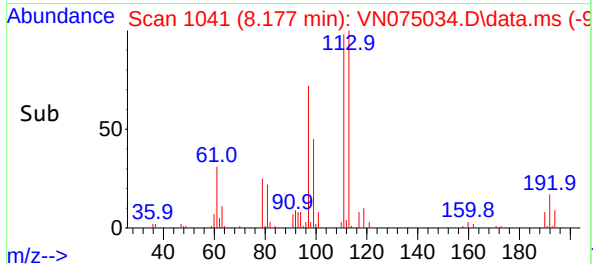


#35  
Dibromofluoromethane  
Concen: 50.987 ug/l  
RT: 8.177 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

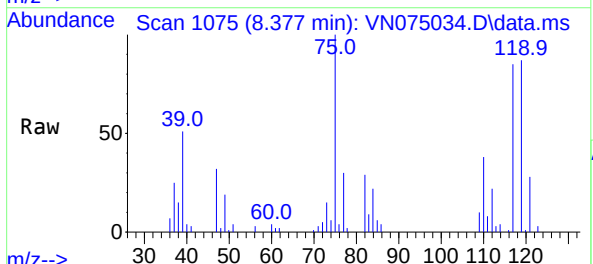
Instrument :  
MSVOA\_N  
ClientSampleId :



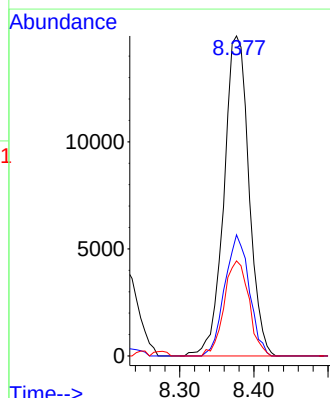
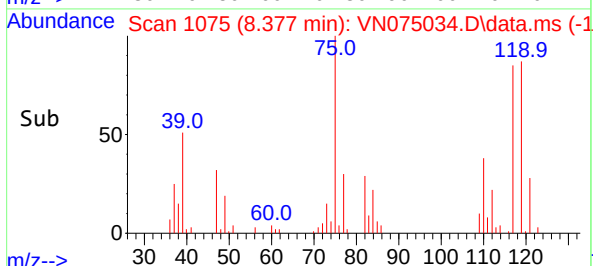
Tgt Ion:113 Resp: 57542  
Ion Ratio Lower Upper  
113 100  
111 102.1 80.5 120.7  
192 16.7 13.2 19.8

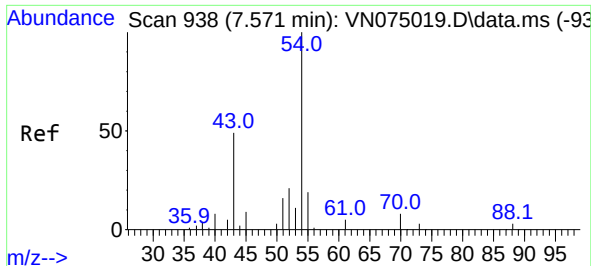


#36  
1,1-Dichloropropene  
Concen: 20.005 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22



Tgt Ion: 75 Resp: 34953  
Ion Ratio Lower Upper  
75 100  
110 37.2 17.8 53.3  
77 29.6 24.6 37.0





#37

Ethyl Acetate

Concen: 20.862 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

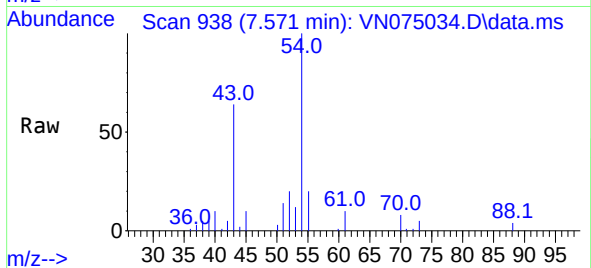
Lab File: VN075034.D

Acq: 27 Oct 2022 12:22

Instrument :

MSVOA\_N

ClientSampleId :



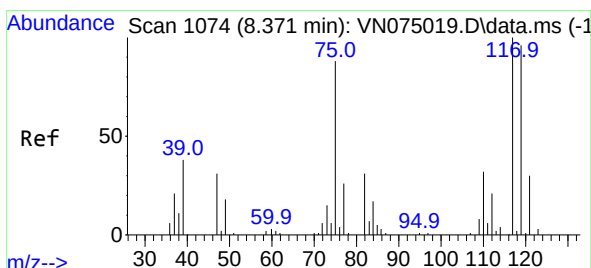
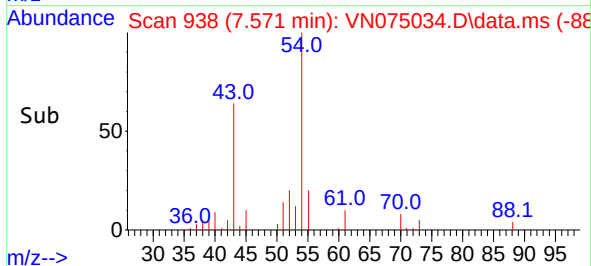
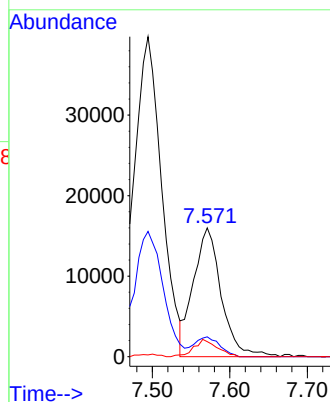
Tgt Ion: 43 Resp: 39973

Ion Ratio Lower Upper

43 100

61 14.3 12.2 18.4

70 11.1 9.4 14.2



#38

Carbon Tetrachloride

Concen: 19.411 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. -0.000 min

Lab File: VN075034.D

Acq: 27 Oct 2022 12:22

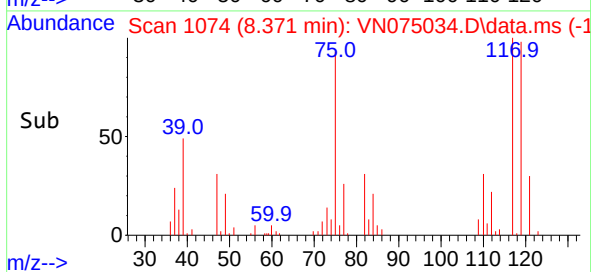
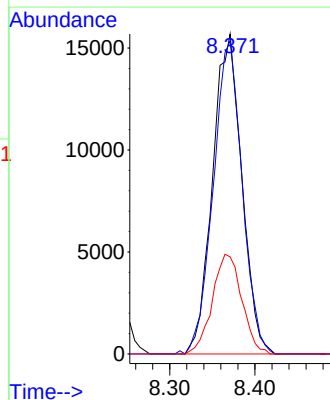
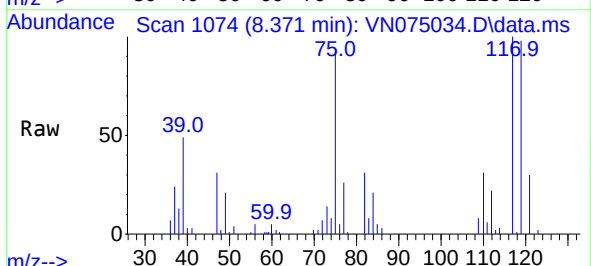
Tgt Ion: 117 Resp: 37306

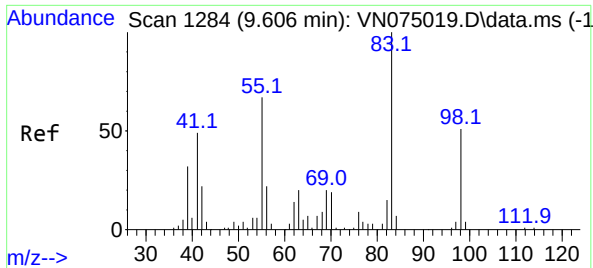
Ion Ratio Lower Upper

117 100

119 97.8 76.7 115.1

121 30.4 23.9 35.9

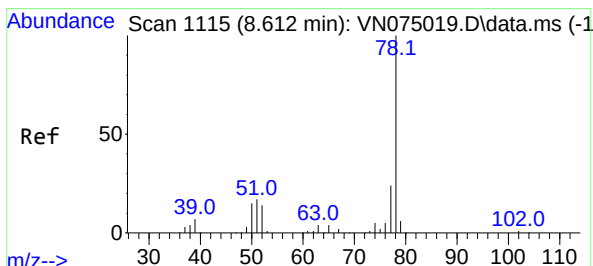
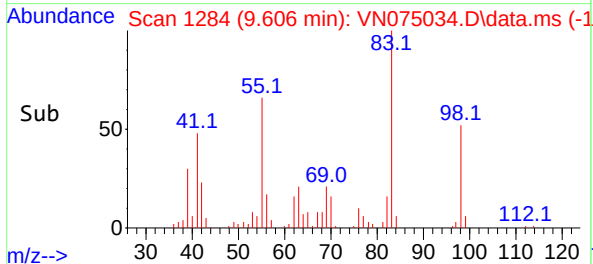
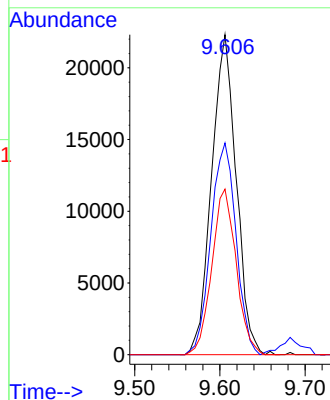
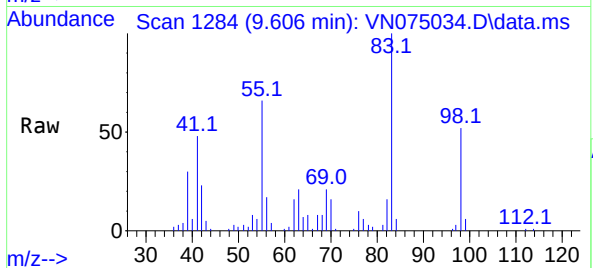




#39  
Methylcyclohexane  
Concen: 19.434 ug/l  
RT: 9.606 min Scan# 1115  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

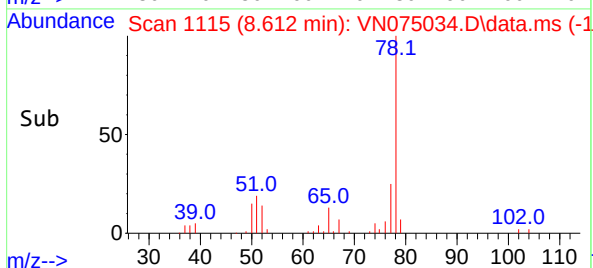
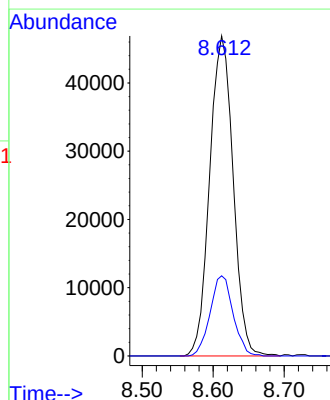
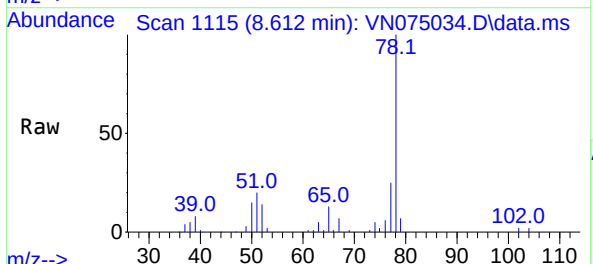
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 83 Resp: 44826  
Ion Ratio Lower Upper  
83 100  
55 66.2 53.6 80.4  
98 51.8 41.1 61.7

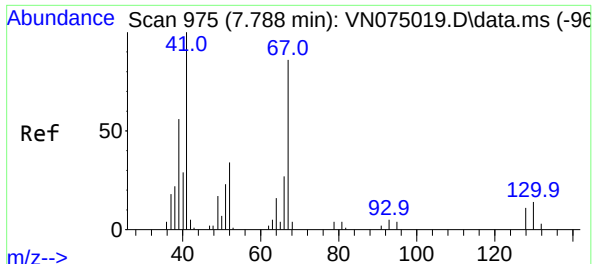


#40  
Benzene  
Concen: 20.080 ug/l  
RT: 8.612 min Scan# 1115  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 78 Resp: 107423  
Ion Ratio Lower Upper  
78 100  
77 25.1 19.4 29.0

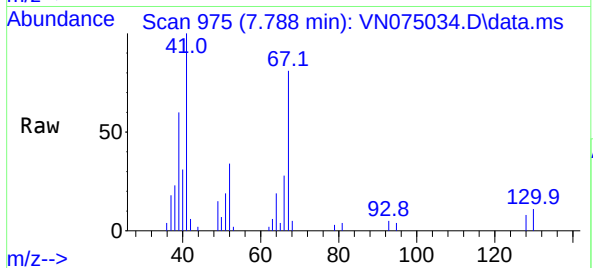






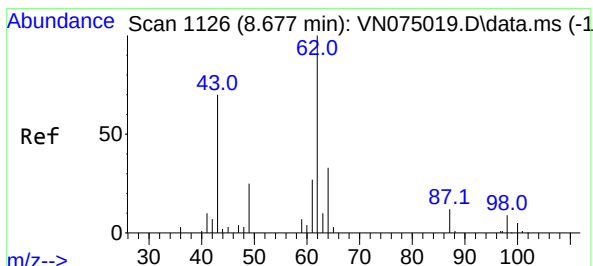
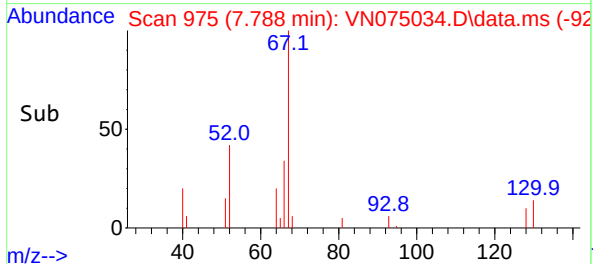
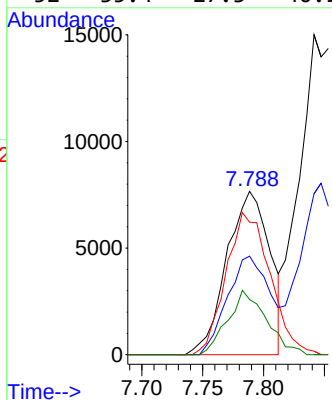
#41  
Methacrylonitrile  
Concen: 20.578 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 41 Resp: 18891

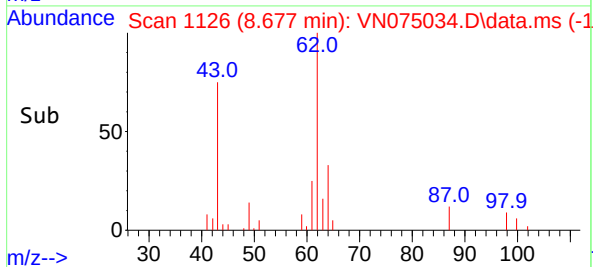
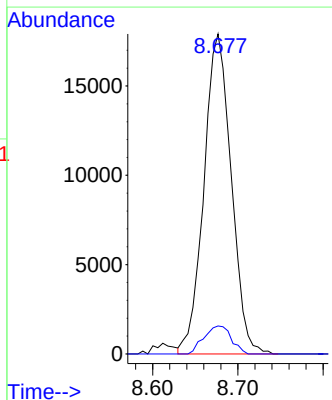
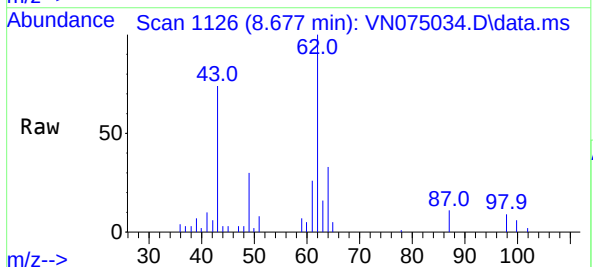
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 58.6  | 44.4  | 66.6  |
| 67  | 88.9  | 69.8  | 104.6 |
| 52  | 35.4  | 27.3  | 40.9  |

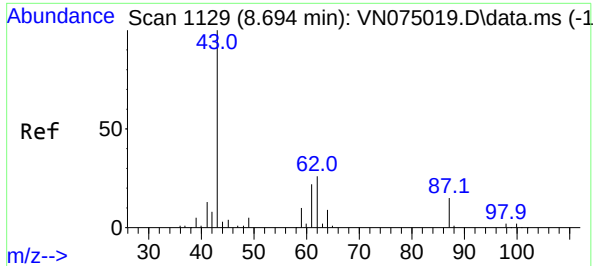


#42  
1,2-Dichloroethane  
Concen: 20.538 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 62 Resp: 39973

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.7   | 0.0   | 18.2  |

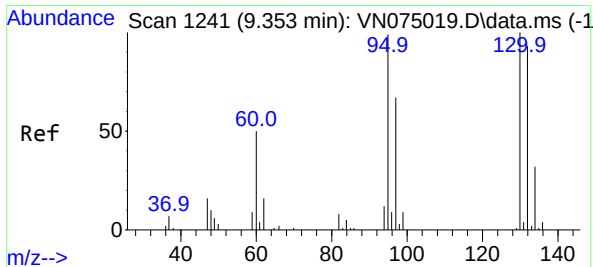
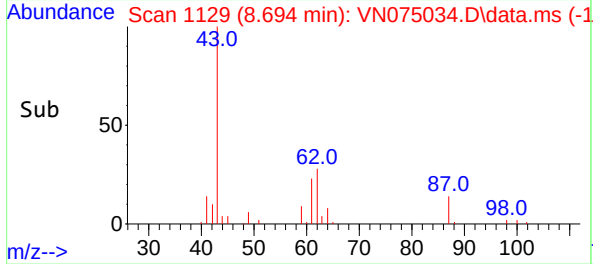
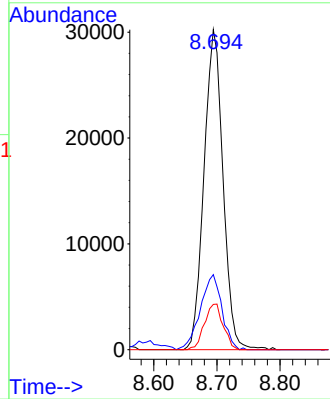
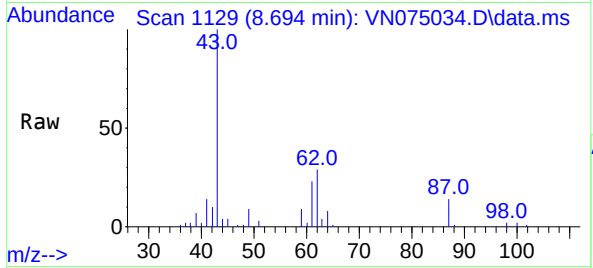




#43  
Isopropyl Acetate  
Concen: 21.305 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

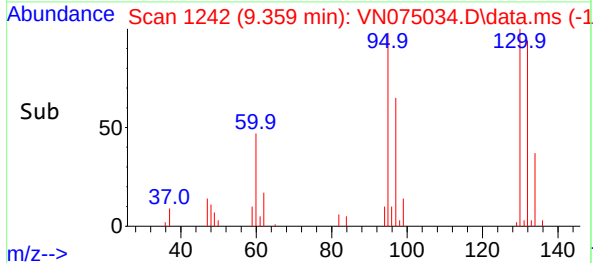
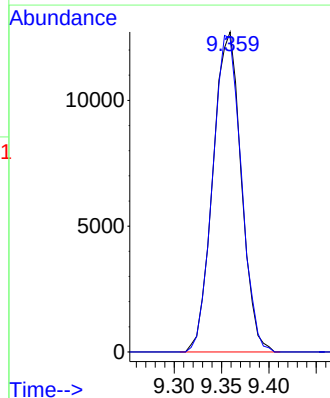
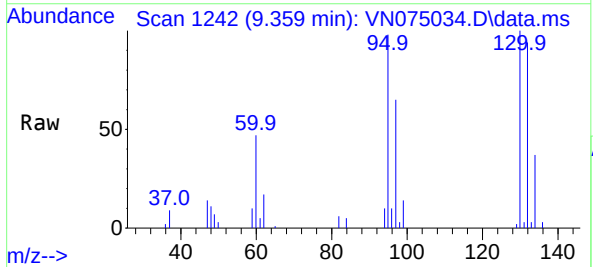
Instrument :  
MSVOA\_N  
ClientSampleId :

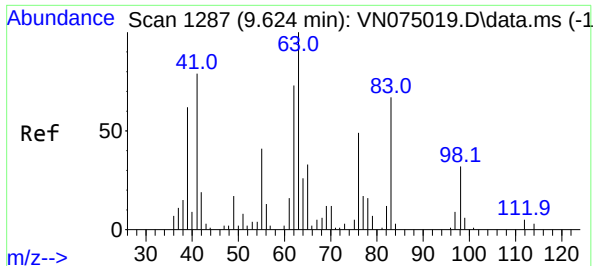
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 63323 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 26.6     | 22.4 33.6   |
| 87 14.1     | 12.5 18.7   |



#44  
Trichloroethene  
Concen: 19.697 ug/l  
RT: 9.359 min Scan# 1242  
Delta R.T. 0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

|             |             |
|-------------|-------------|
| Tgt Ion:130 | Resp: 26436 |
| Ion Ratio   | Lower Upper |
| 130 100     |             |
| 95 98.1     | 0.0 198.4   |





#45

1,2-Dichloropropane

Concen: 21.357 ug/l

RT: 9.630 min Scan# 1287

Delta R.T. 0.005 min

Lab File: VN075034.D

Acq: 27 Oct 2022 12:22

Instrument :

MSVOA\_N

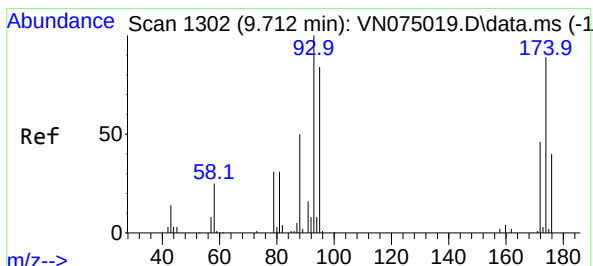
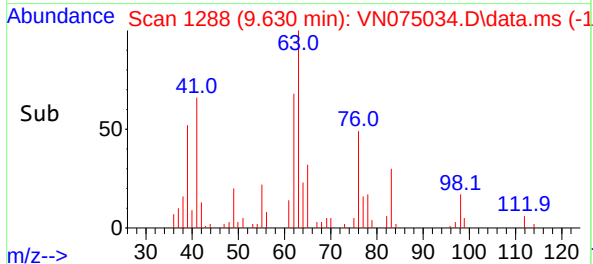
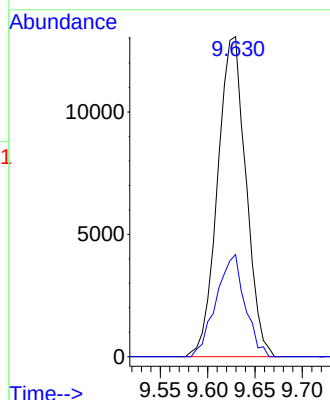
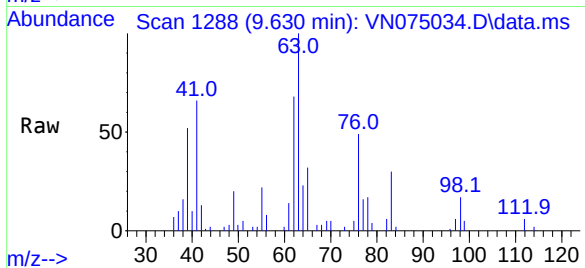
ClientSampleId :

Tgt Ion: 63 Resp: 27190

Ion Ratio Lower Upper

63 100

65 31.9 26.1 39.1



#46

Dibromomethane

Concen: 20.123 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075034.D

Acq: 27 Oct 2022 12:22

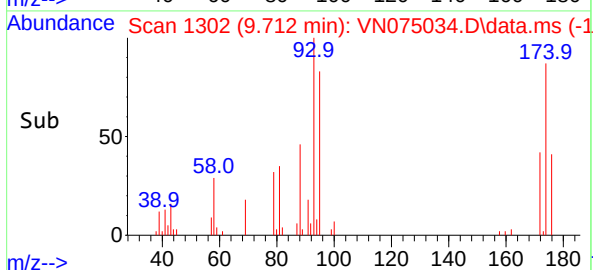
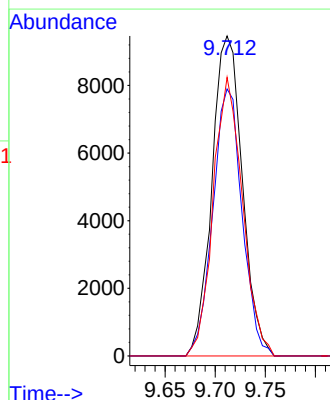
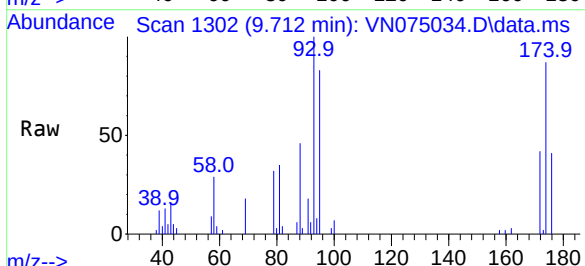
Tgt Ion: 93 Resp: 19959

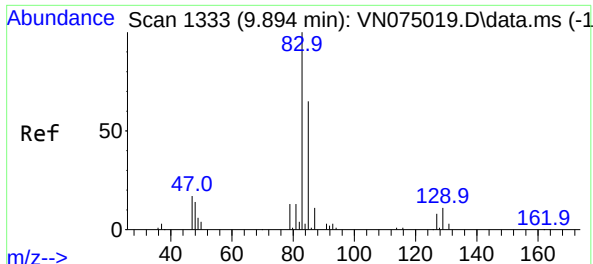
Ion Ratio Lower Upper

93 100

95 80.3 66.6 99.8

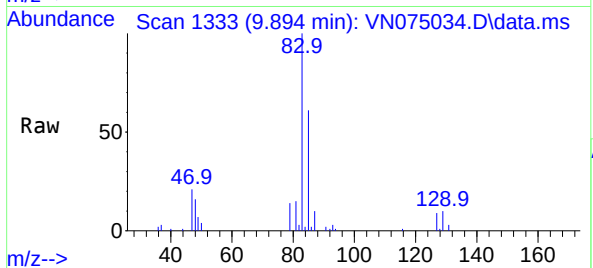
174 83.8 70.3 105.5



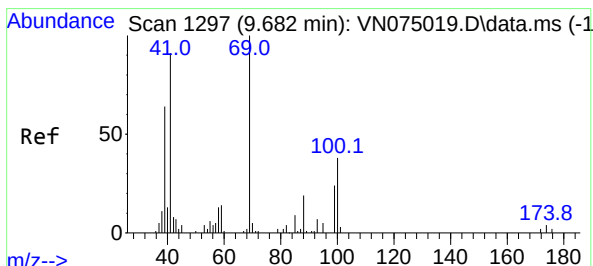
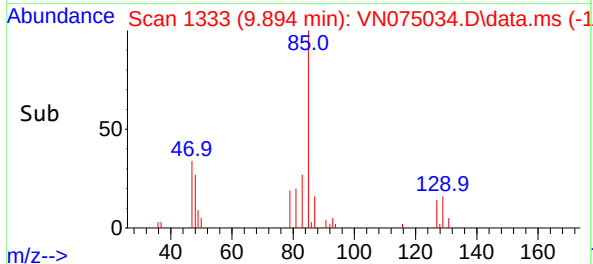
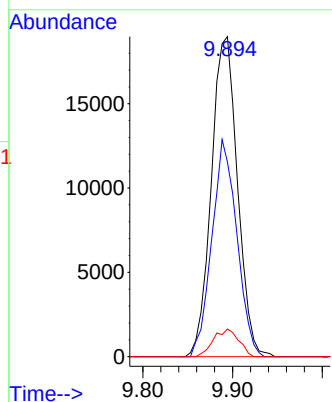


#47  
Bromodichloromethane  
Concen: 19.994 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

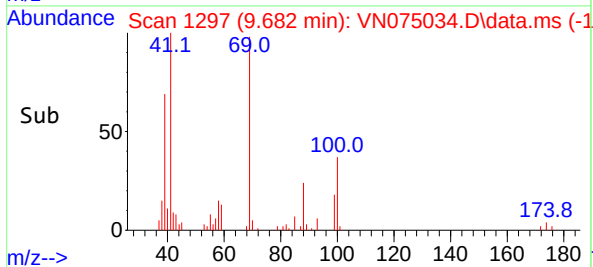
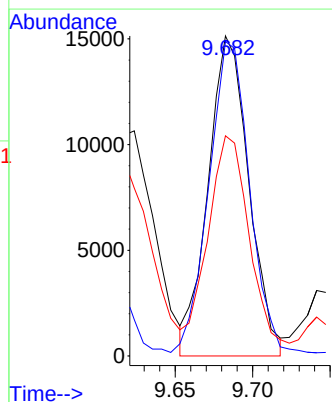
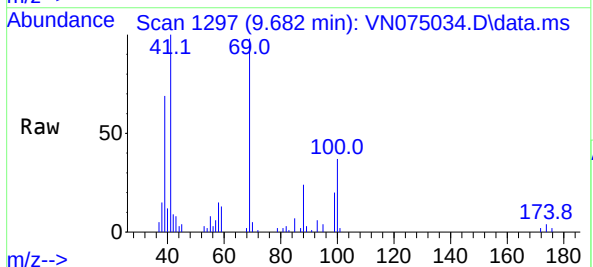


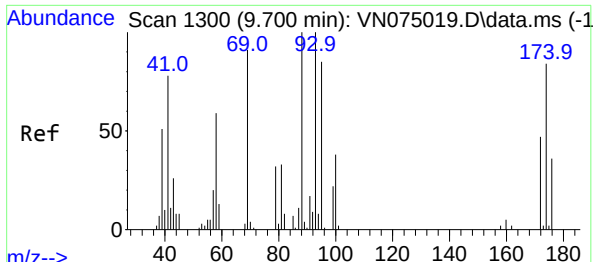
Tgt Ion: 83 Resp: 38405  
Ion Ratio Lower Upper  
83 100  
85 60.8 52.1 78.1  
127 8.6 6.6 10.0



#48  
Methyl methacrylate  
Concen: 20.267 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 41 Resp: 27632  
Ion Ratio Lower Upper  
41 100  
69 100.1 80.2 120.2  
39 72.0 56.2 84.2





#49

1,4-Dioxane

Concen: 428.891 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075034.D

Acq: 27 Oct 2022 12:22

Instrument :

MSVOA\_N

ClientSampleId :

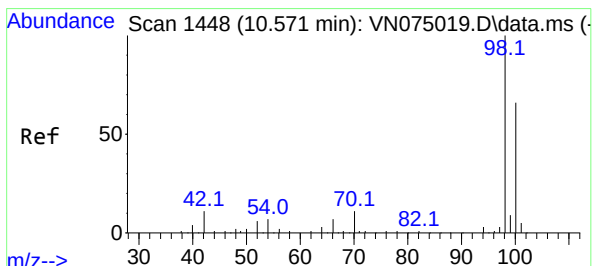
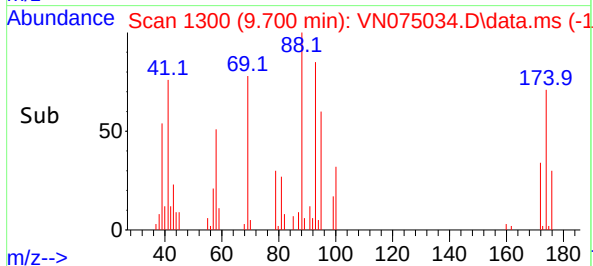
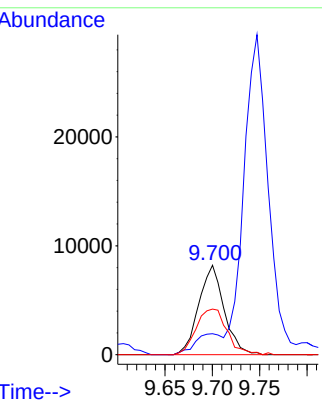
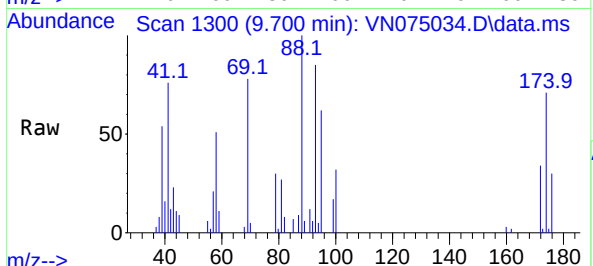
Tgt Ion: 88 Resp: 15312

Ion Ratio Lower Upper

88 100

43 25.9 17.5 26.3

58 62.4 49.8 74.8



#50

Toluene-d8

Concen: 51.176 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075034.D

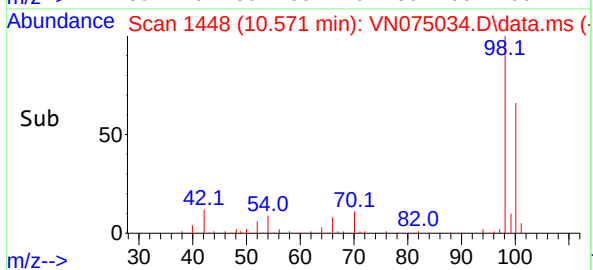
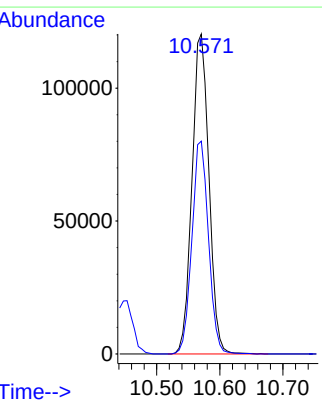
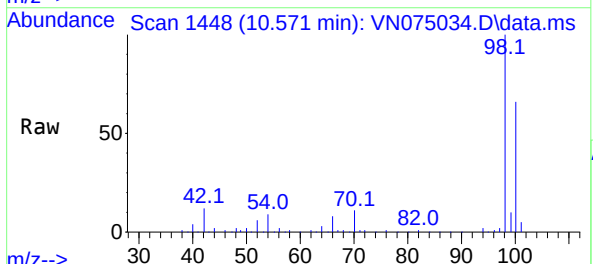
Acq: 27 Oct 2022 12:22

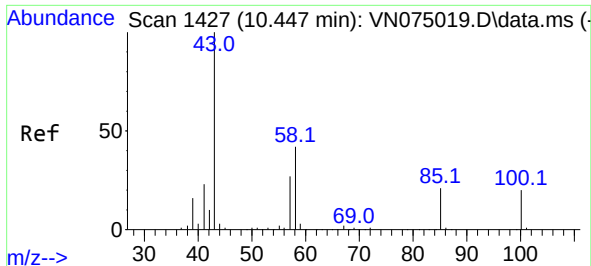
Tgt Ion: 98 Resp: 224072

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6

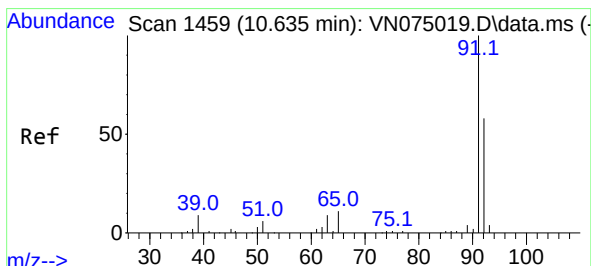
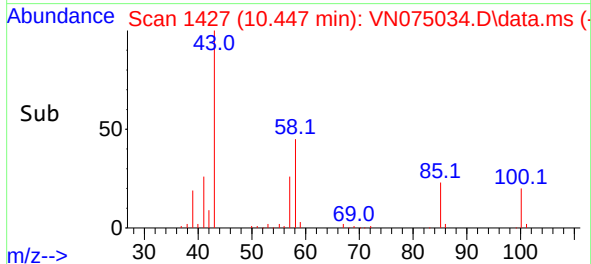
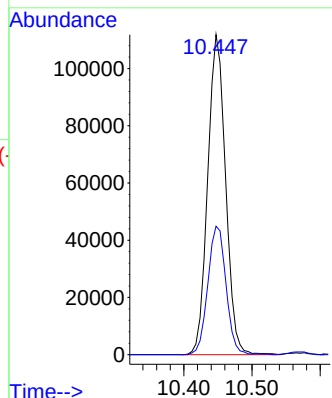
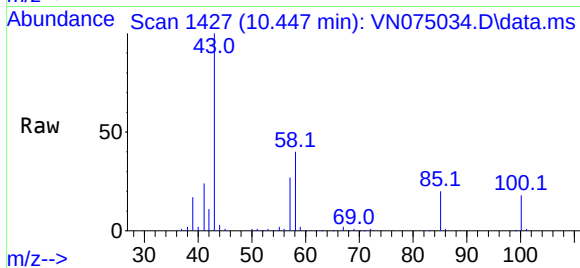




#51  
4-Methyl-2-Pentanone  
Concen: 106.546 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

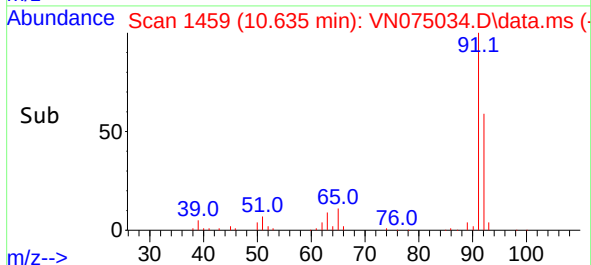
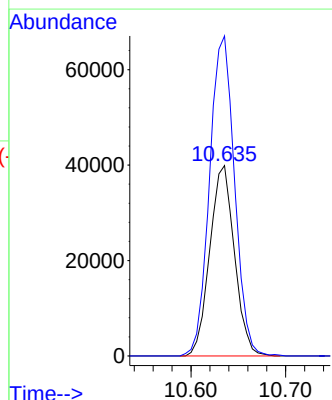
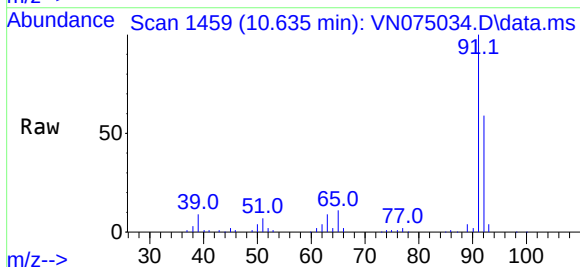
Instrument :  
MSVOA\_N  
ClientSampleId :

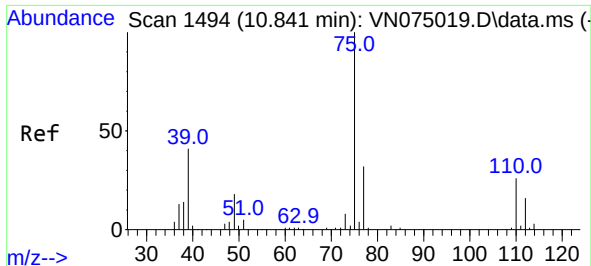
Tgt Ion: 43 Resp: 204349  
Ion Ratio Lower Upper  
43 100  
58 40.7 33.6 50.4



#52  
Toluene  
Concen: 20.218 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 92 Resp: 72302  
Ion Ratio Lower Upper  
92 100  
91 170.3 135.4 203.2

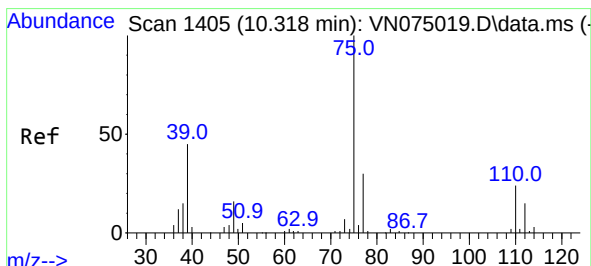
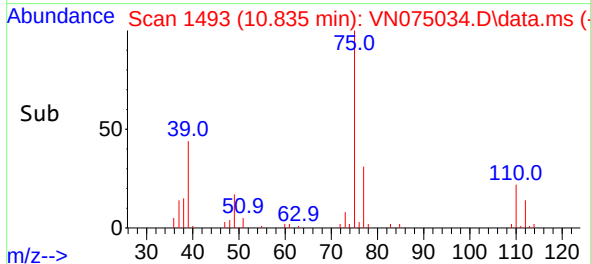
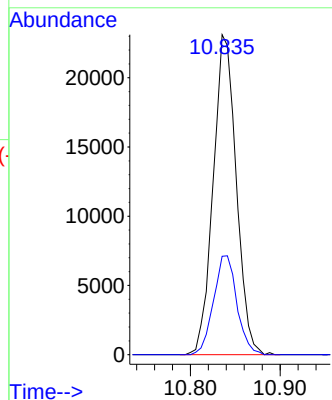
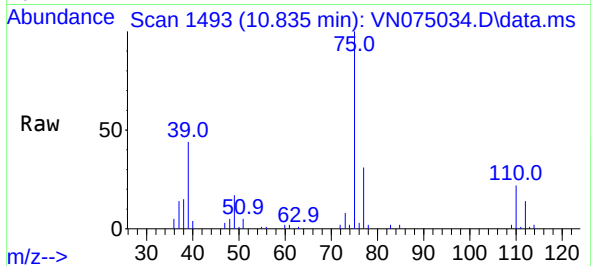




#53  
 t-1,3-Dichloropropene  
 Concen: 20.339 ug/l  
 RT: 10.835 min Scan# 1493  
 Delta R.T. -0.006 min  
 Lab File: VN075034.D  
 Acq: 27 Oct 2022 12:22

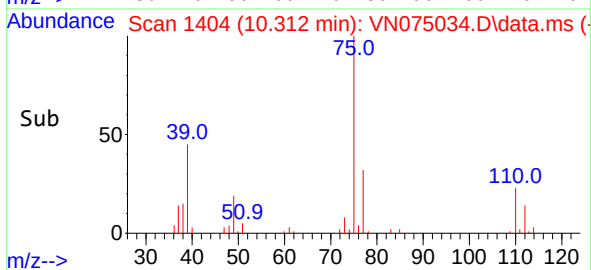
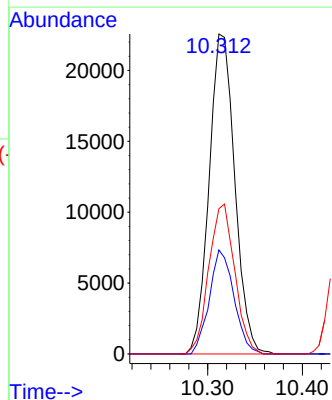
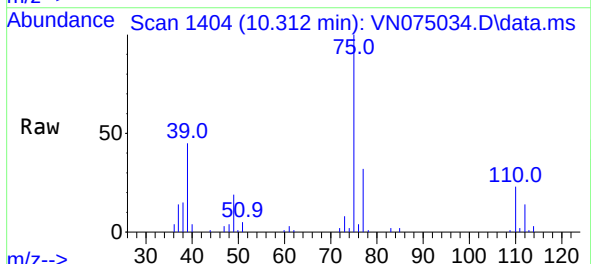
Instrument :  
 MSVOA\_N  
 ClientSampleId :

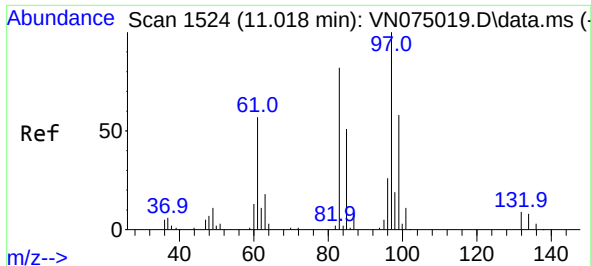
Tgt Ion: 75 Resp: 41236  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.746 ug/l  
 RT: 10.312 min Scan# 1404  
 Delta R.T. -0.006 min  
 Lab File: VN075034.D  
 Acq: 27 Oct 2022 12:22

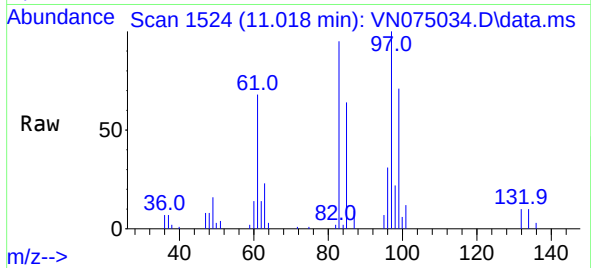
Tgt Ion: 75 Resp: 42461  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 23.7 35.5  
 39 45.4 35.8 53.6





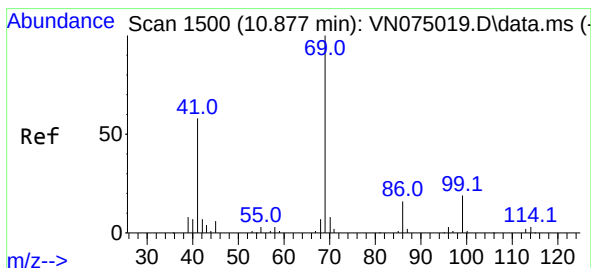
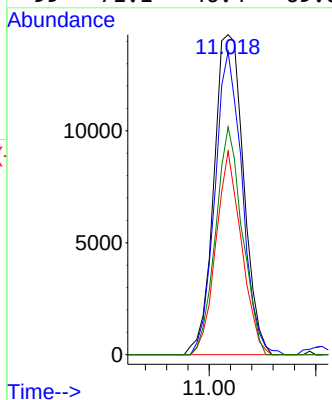
#55  
1,1,2-Trichloroethane  
Concen: 19.570 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 97 Resp: 27749

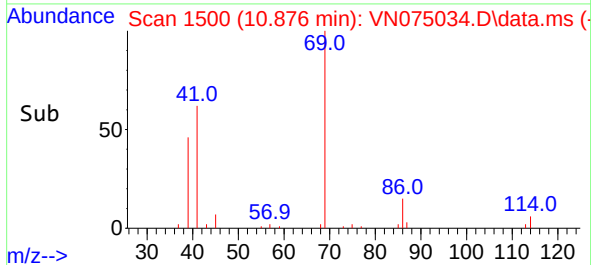
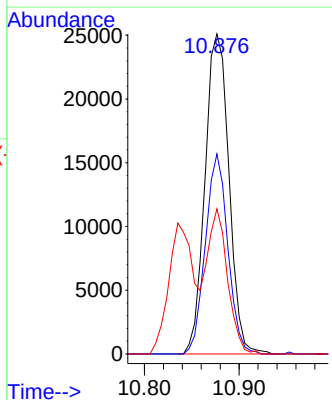
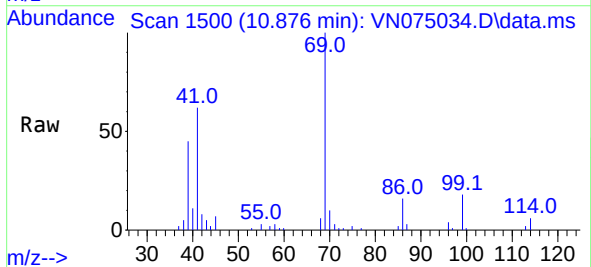
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 94.6  | 65.9  | 98.9  |
| 85  | 63.6  | 40.4  | 60.6# |
| 99  | 71.1  | 46.4  | 69.6# |



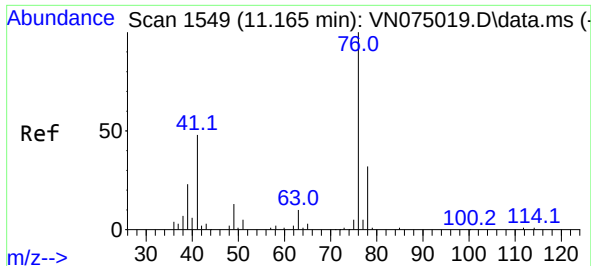
#56  
Ethyl methacrylate  
Concen: 20.343 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.001 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 69 Resp: 44000

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 58.6  | 45.6  | 68.4  |
| 39  | 38.5  | 28.5  | 42.7  |







#57

1,3-Dichloropropane

Concen: 20.329 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075034.D

Acq: 27 Oct 2022 12:22

Instrument :

MSVOA\_N

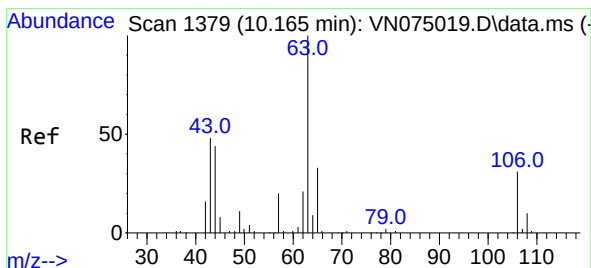
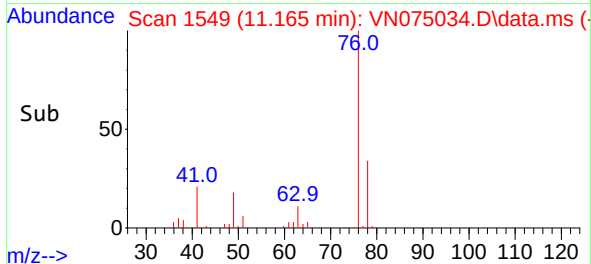
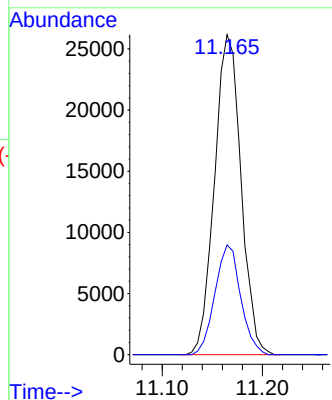
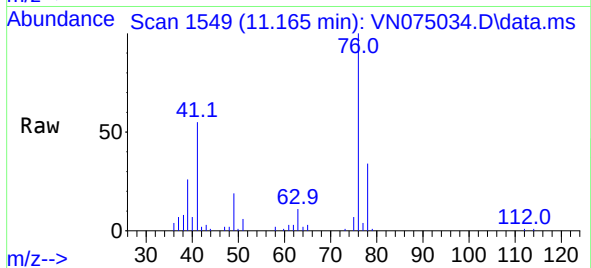
ClientSampleId :

Tgt Ion: 76 Resp: 48004

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.365 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075034.D

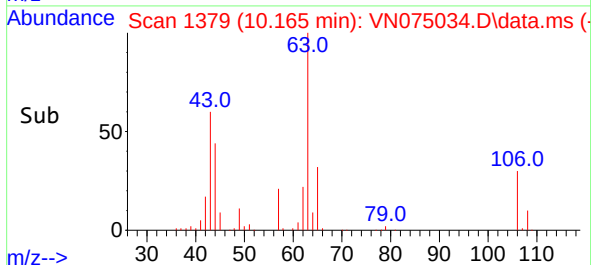
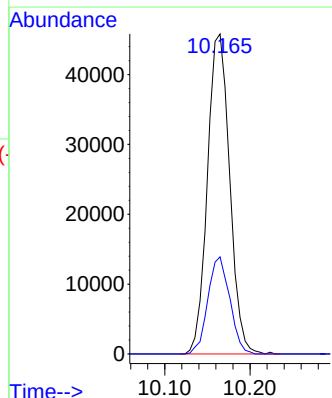
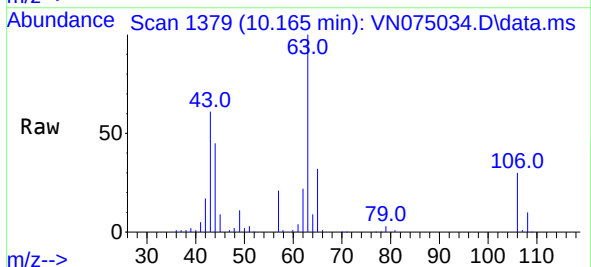
Acq: 27 Oct 2022 12:22

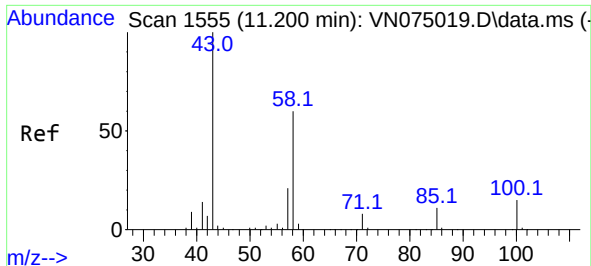
Tgt Ion: 63 Resp: 83086

Ion Ratio Lower Upper

63 100

106 29.9 24.8 37.2

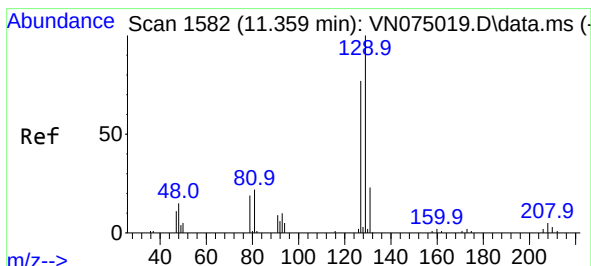
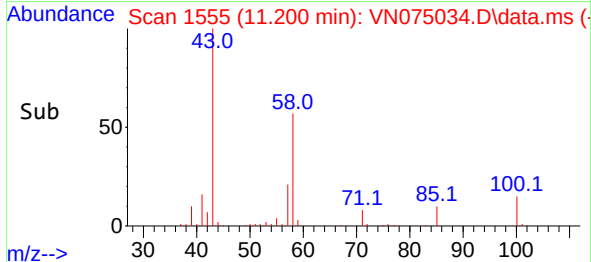
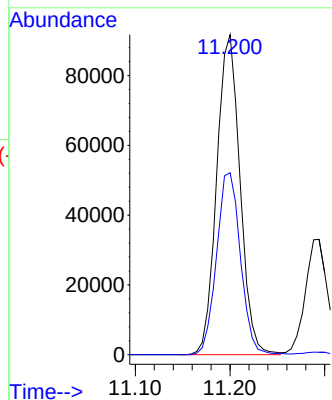
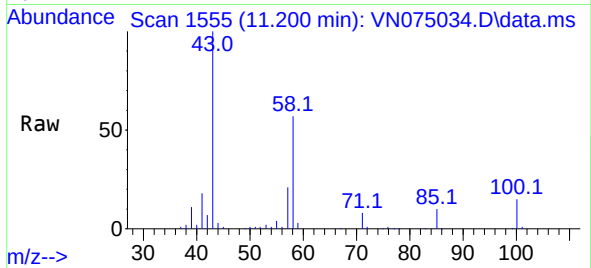




#59  
2-Hexanone  
Concen: 107.868 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

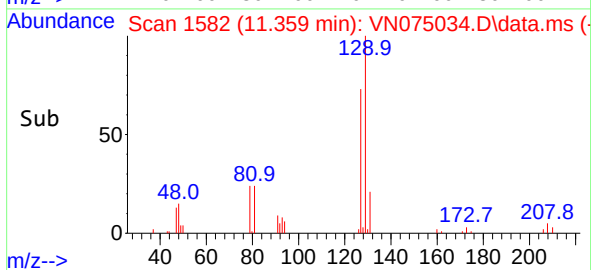
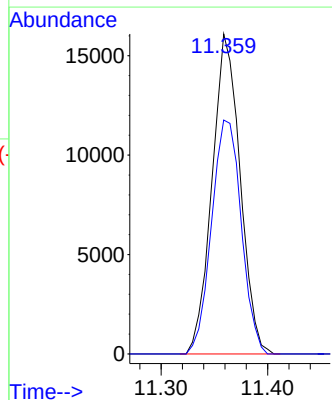
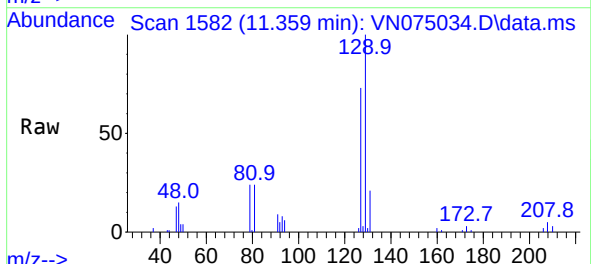
Instrument :  
MSVOA\_N  
ClientSampleId :

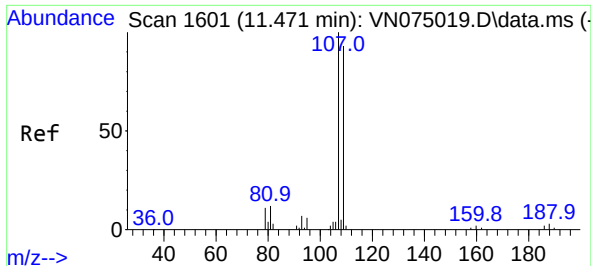
Tgt Ion: 43 Resp: 157018  
Ion Ratio Lower Upper  
43 100  
58 58.3 29.6 88.8



#60  
Dibromochloromethane  
Concen: 19.664 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion:129 Resp: 29417  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 115.8

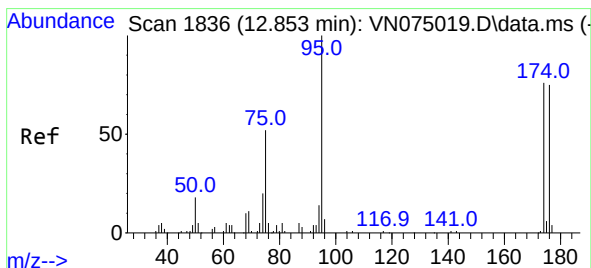
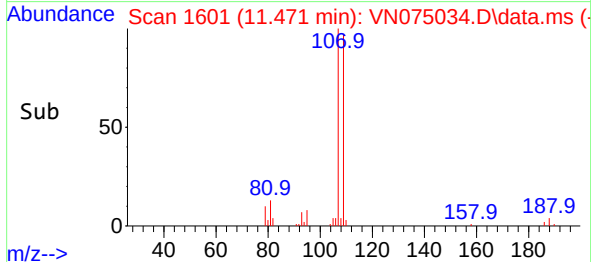
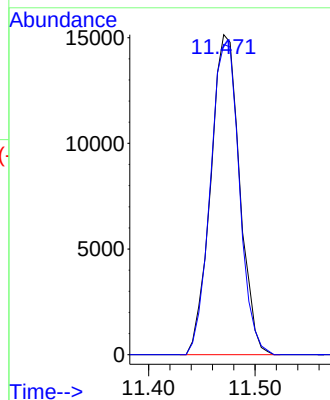
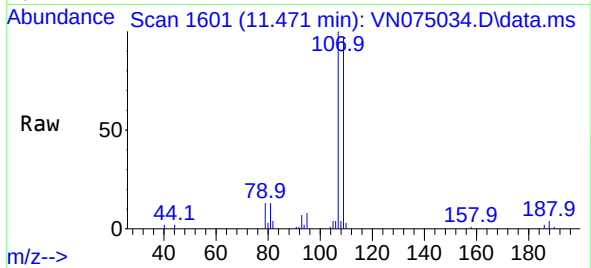




#61  
1,2-Dibromoethane  
Concen: 19.660 ug/l  
RT: 11.471 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

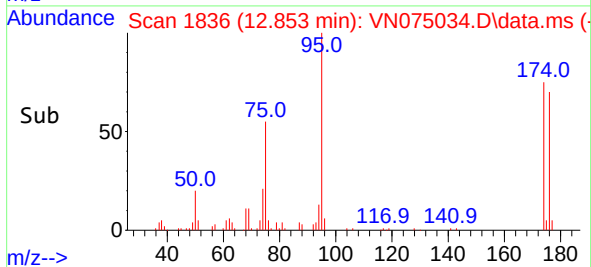
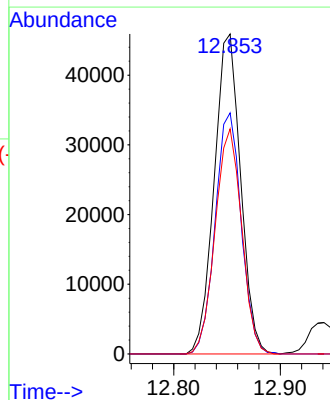
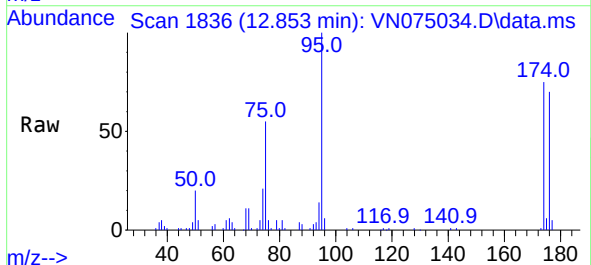
Instrument :  
MSVOA\_N  
ClientSampleId :

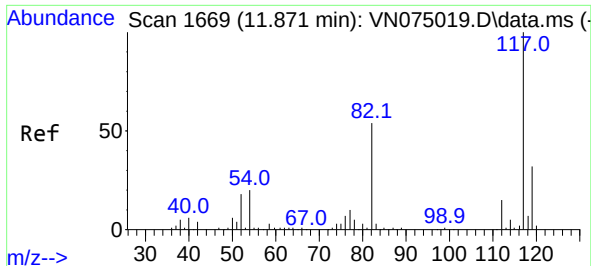
Tgt Ion:107 Resp: 28569  
Ion Ratio Lower Upper  
107 100  
109 97.4 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 51.364 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 95 Resp: 79002  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 147.4  
176 70.5 0.0 142.2

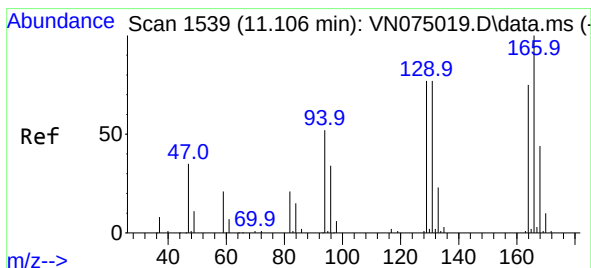
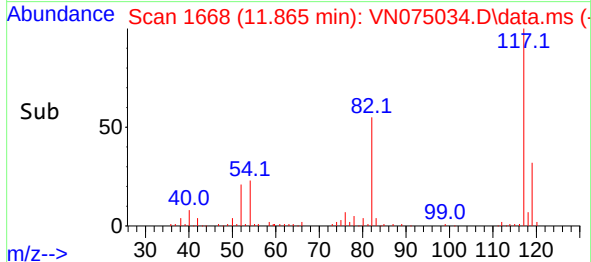
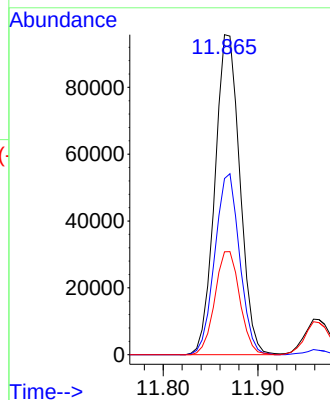
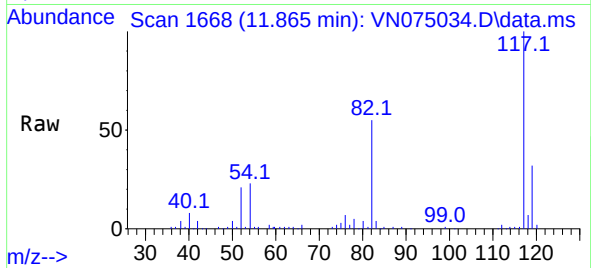




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

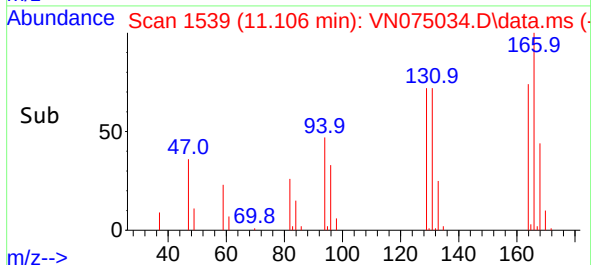
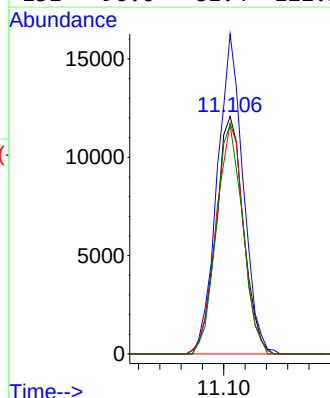
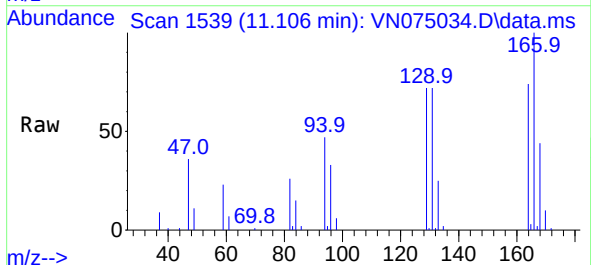
Instrument :  
MSVOA\_N  
ClientSampleId :

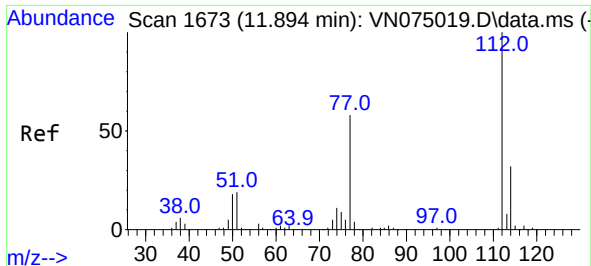
Tgt Ion:117 Resp: 175669  
Ion Ratio Lower Upper  
117 100  
82 55.1 43.1 64.7  
119 32.2 25.5 38.3



#64  
Tetrachloroethene  
Concen: 20.046 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

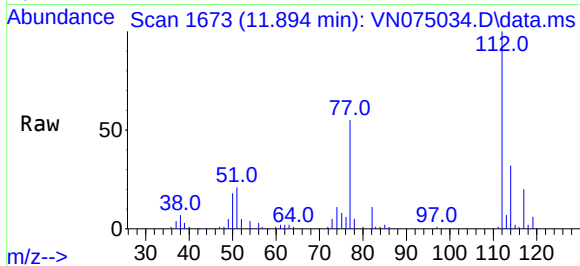
Tgt Ion:164 Resp: 21590  
Ion Ratio Lower Upper  
164 100  
166 134.7 106.5 159.7  
129 97.1 81.9 122.9  
131 96.6 81.4 122.2



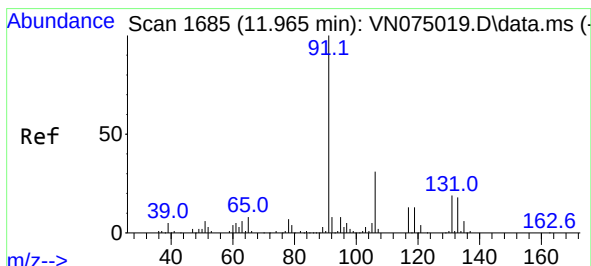
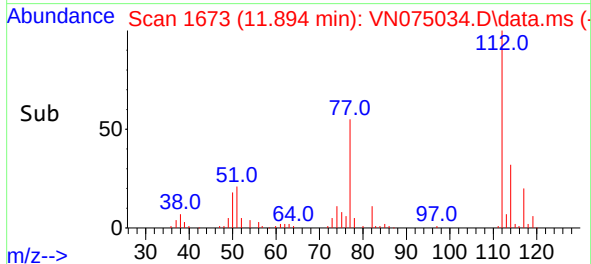
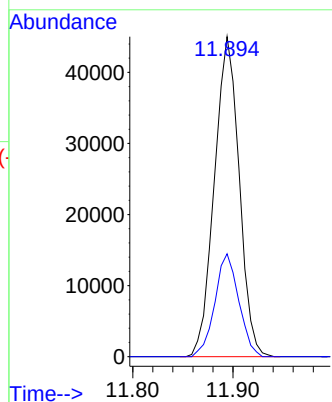


#65  
Chlorobenzene  
Concen: 20.546 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

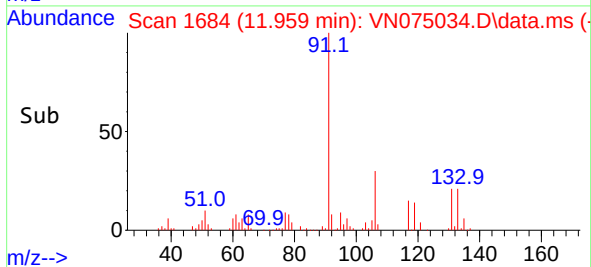
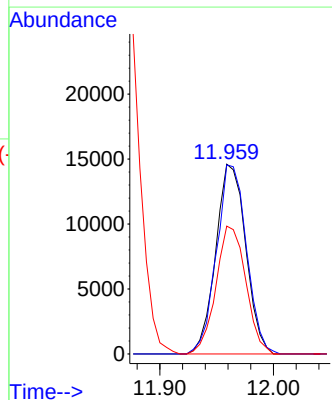
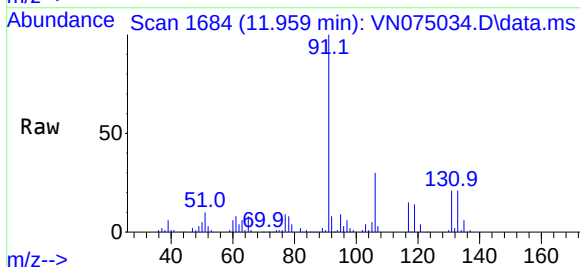


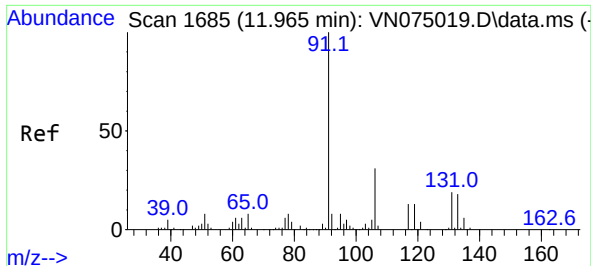
Tgt Ion:112 Resp: 77043  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.217 ug/l  
RT: 11.959 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion:131 Resp: 26730  
Ion Ratio Lower Upper  
131 100  
133 99.9 47.8 143.4  
119 67.2 33.0 99.0

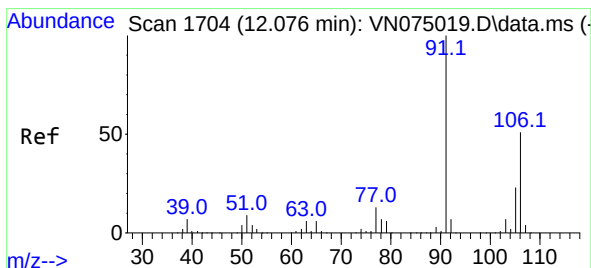
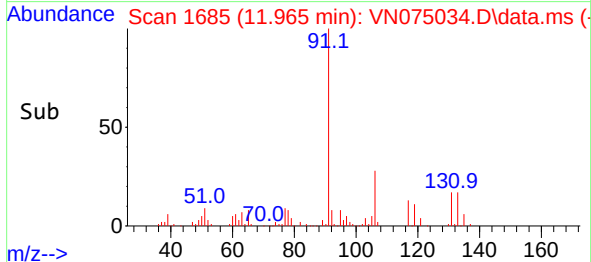
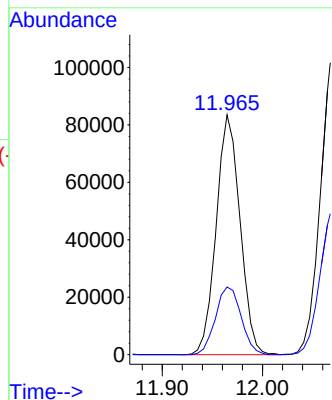
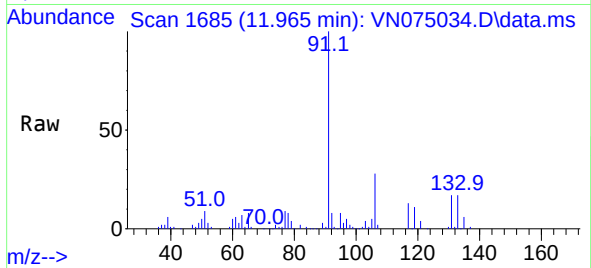




#67  
Ethyl Benzene  
Concen: 20.372 ug/l  
RT: 11.965 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

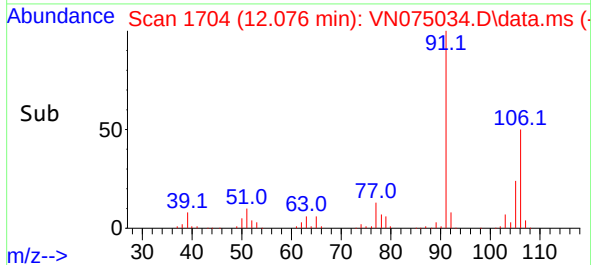
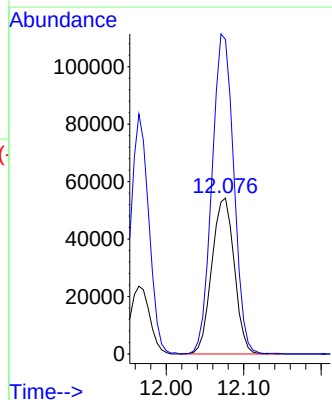
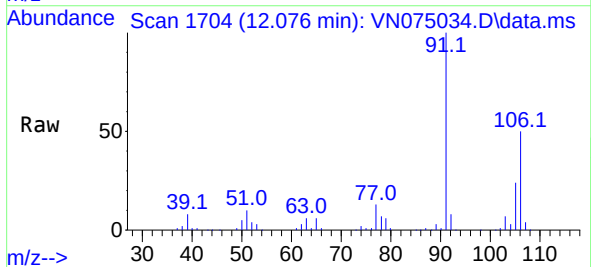
Instrument :  
MSVOA\_N  
ClientSampleId :

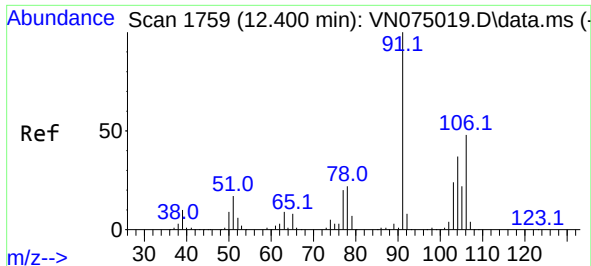
Tgt Ion: 91 Resp: 137431  
Ion Ratio Lower Upper  
91 100  
106 28.2 24.9 37.3



#68  
m/p-Xylenes  
Concen: 40.375 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion:106 Resp: 109292  
Ion Ratio Lower Upper  
106 100  
91 199.8 156.0 234.0

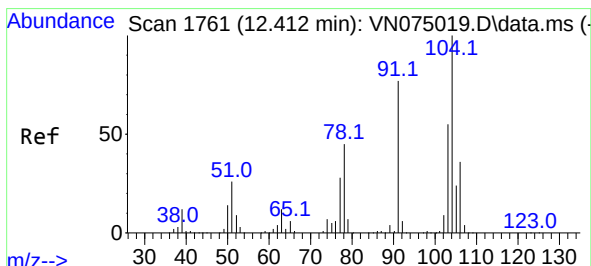
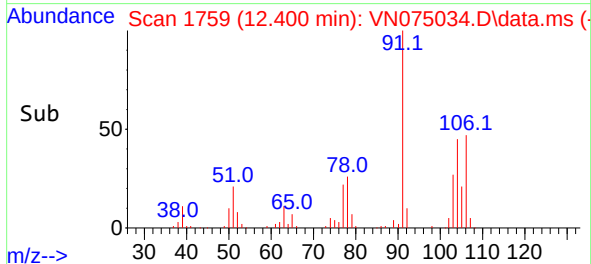
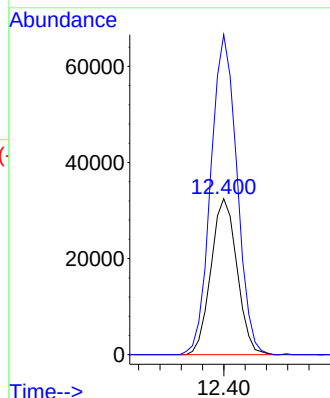
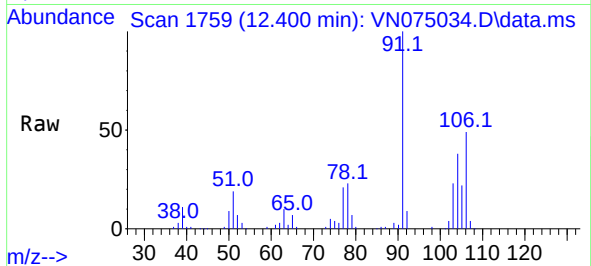




#69  
o-Xylene  
Concen: 20.550 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

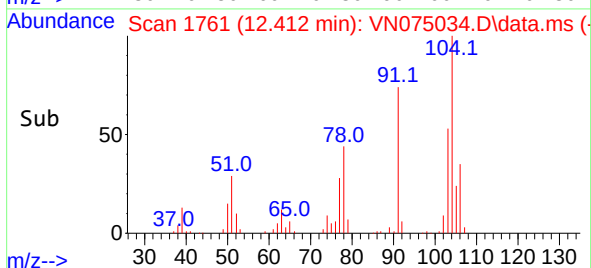
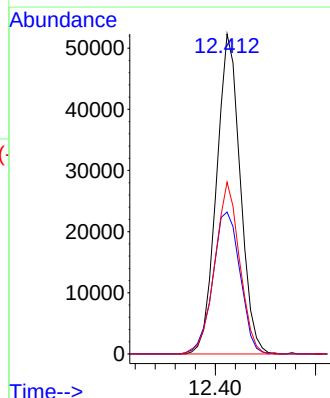
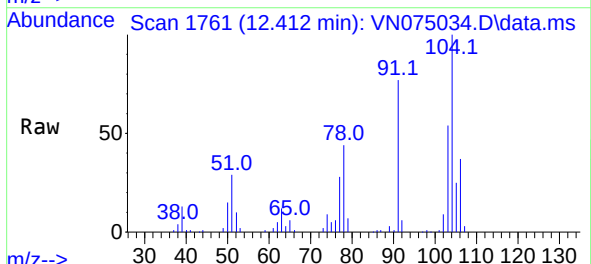
Instrument :  
MSVOA\_N  
ClientSampleId :

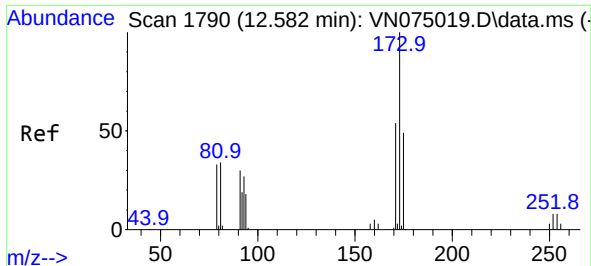
Tgt Ion:106 Resp: 55013  
Ion Ratio Lower Upper  
106 100  
91 206.4 105.2 315.5



#70  
Styrene  
Concen: 20.126 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion:104 Resp: 85905  
Ion Ratio Lower Upper  
104 100  
78 51.2 38.1 57.1  
103 56.0 44.6 66.8

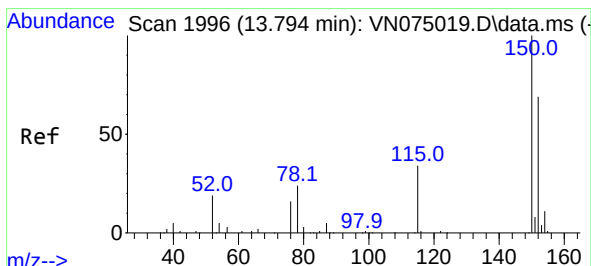
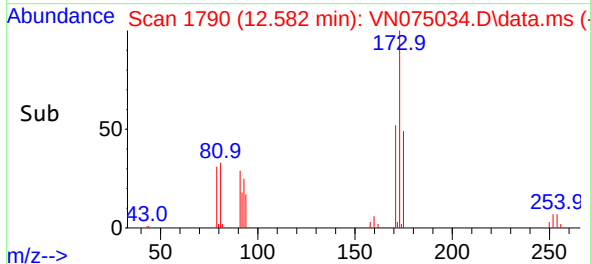
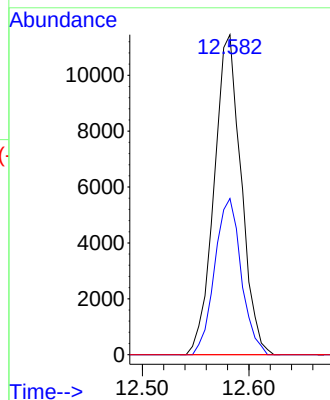
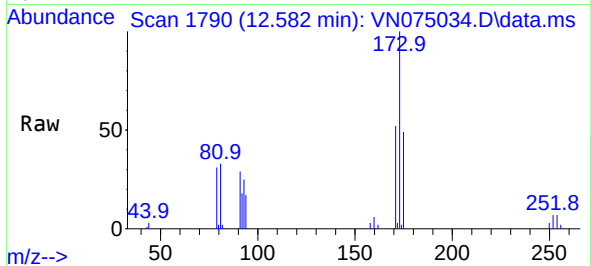




#71  
Bromoform  
Concen: 19.355 ug/l  
RT: 12.582 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

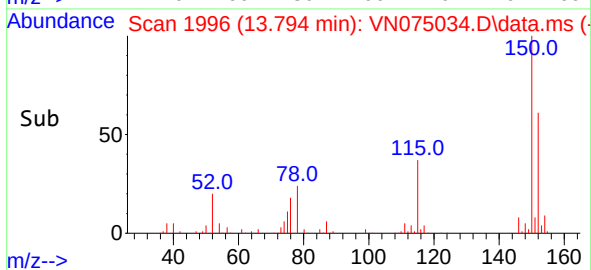
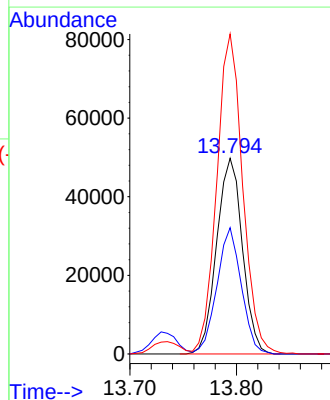
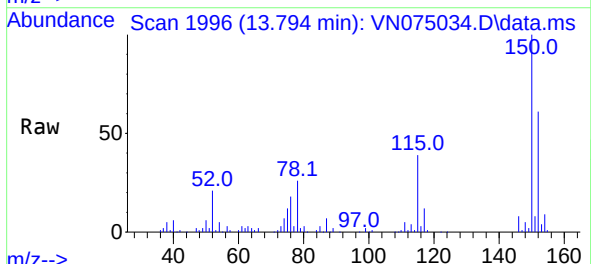
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 20157  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.6 74.0  
254 0.0 0.0 0.0

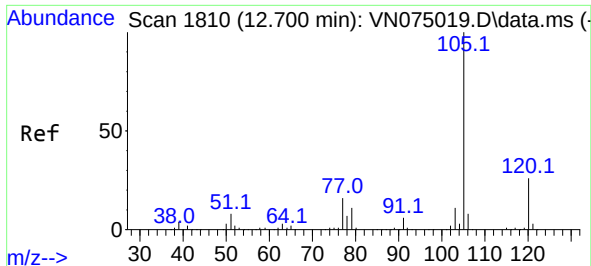


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion:152 Resp: 83578  
Ion Ratio Lower Upper  
152 100  
115 61.0 30.2 90.6  
150 164.7 0.0 348.4



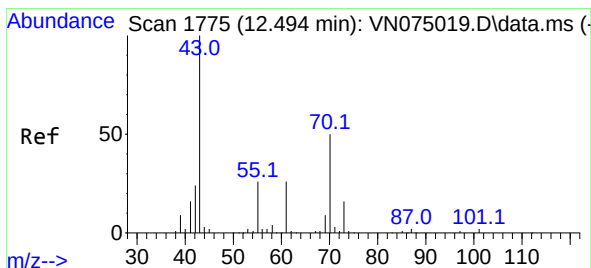
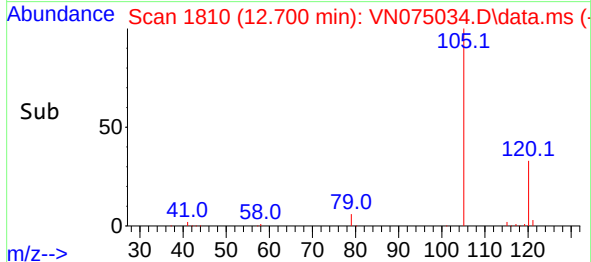
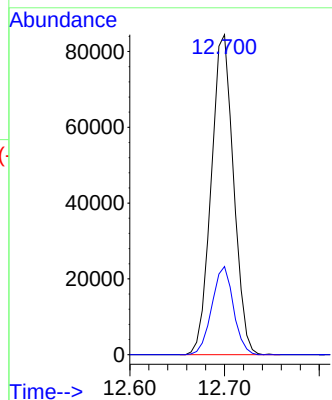
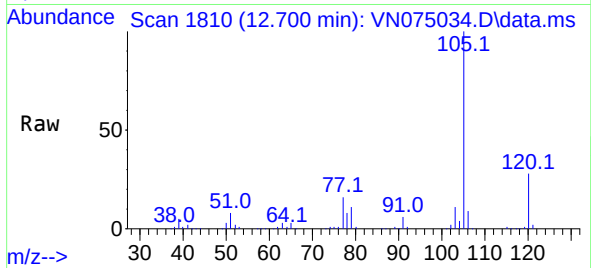




#73  
Isopropylbenzene  
Concen: 20.611 ug/l  
RT: 12.700 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

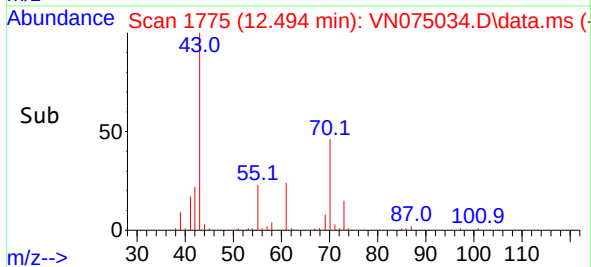
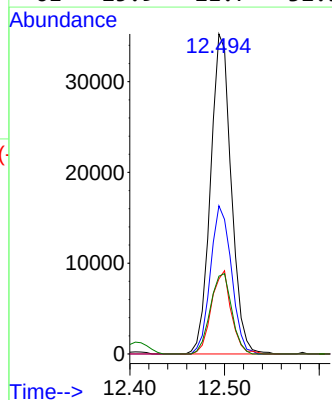
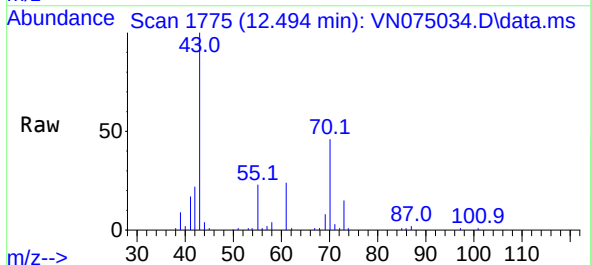
Instrument :  
MSVOA\_N  
ClientSampleId :

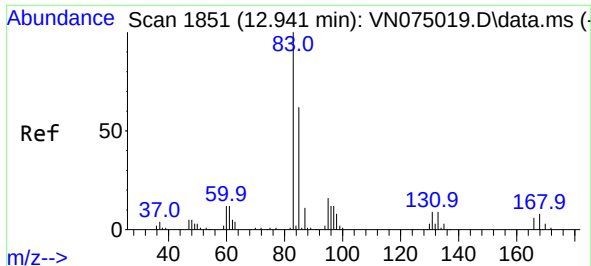
Tgt Ion:105 Resp: 138293  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.1 39.1



#74  
N-ethyl acetate  
Concen: 21.624 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 43 Resp: 53662  
Ion Ratio Lower Upper  
43 100  
70 47.0 39.8 59.8  
55 24.9 19.9 29.9  
61 25.9 21.7 32.5

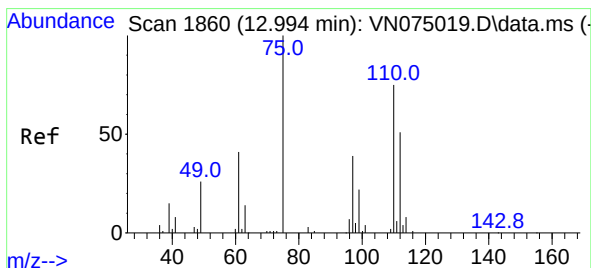
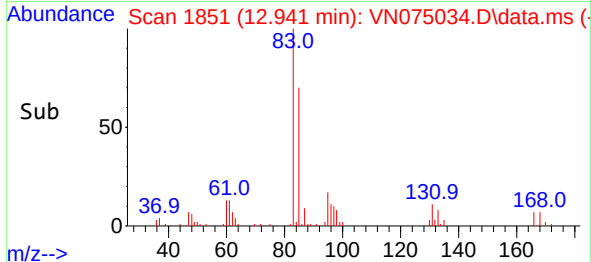
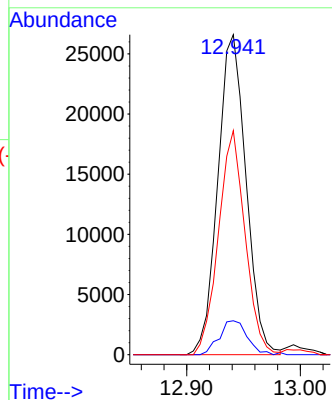
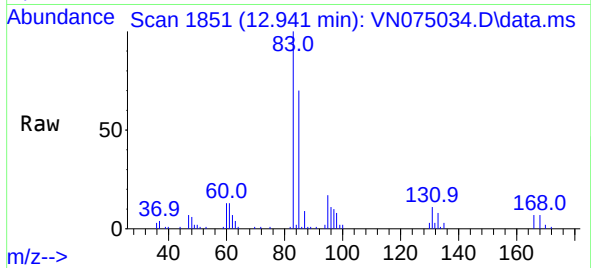




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.557 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

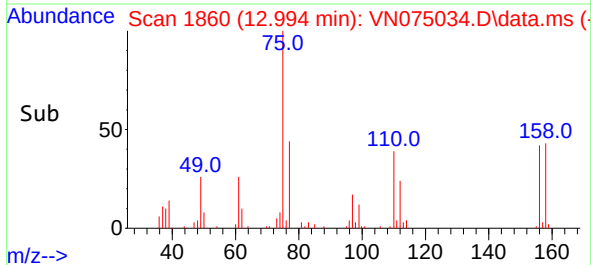
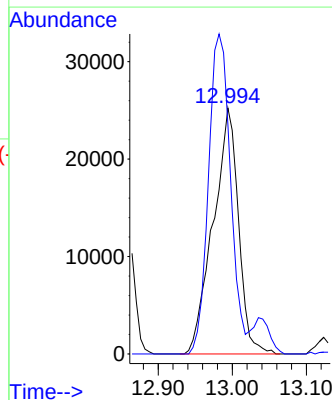
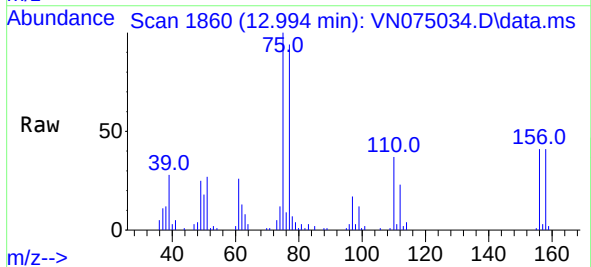
Instrument :  
MSVOA\_N  
ClientSampleId :

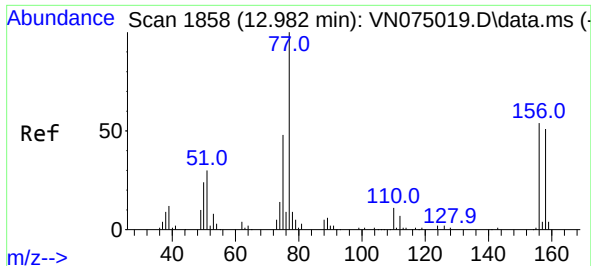
Tgt Ion: 83 Resp: 45933  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.1 15.3  
85 66.0 31.6 94.7



#76  
1,2,3-Trichloropropane  
Concen: 33.750 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 75 Resp: 59893  
Ion Ratio Lower Upper  
75 100  
77 114.1 75.6 226.8

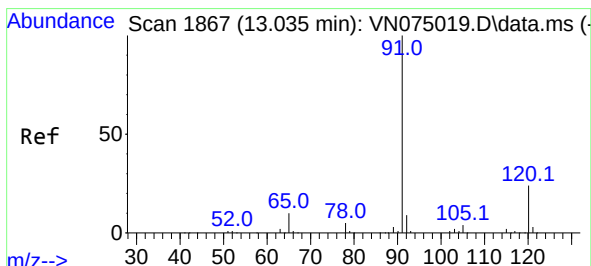
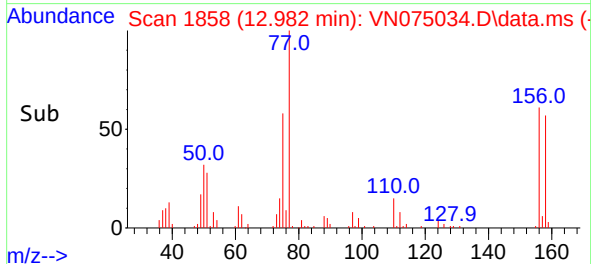
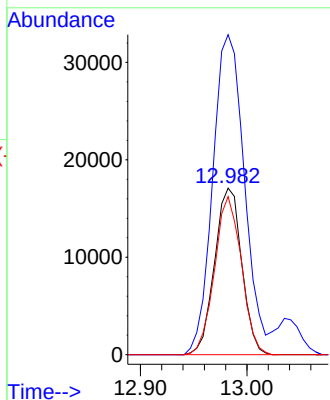
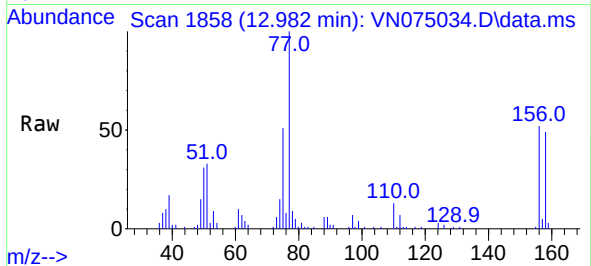




#77  
Bromobenzene  
Concen: 20.485 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

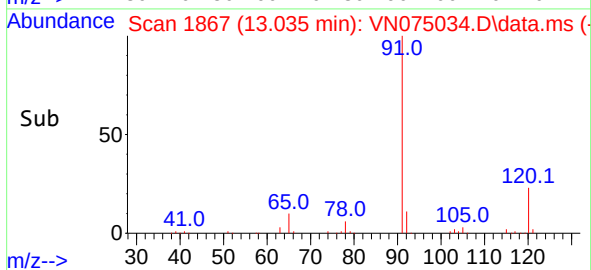
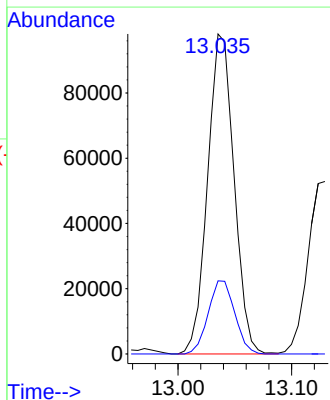
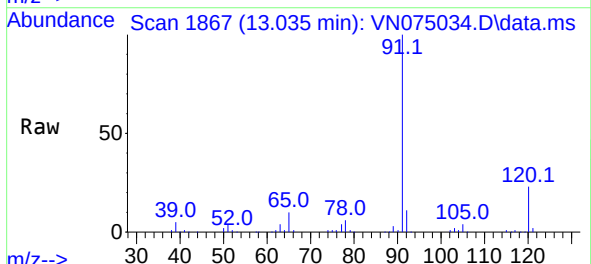
Instrument :  
MSVOA\_N  
ClientSampleId :

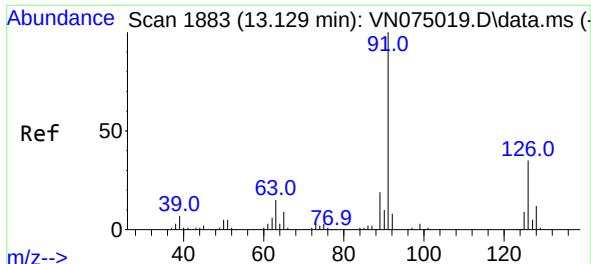
Tgt Ion:156 Resp: 30264  
Ion Ratio Lower Upper  
156 100  
77 225.7 108.5 325.5  
158 94.0 47.7 143.1



#78  
n-propylbenzene  
Concen: 21.062 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 91 Resp: 158663  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.9 35.5

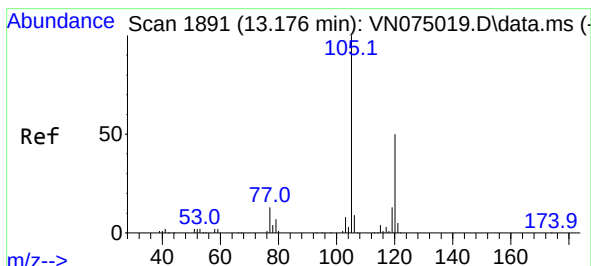
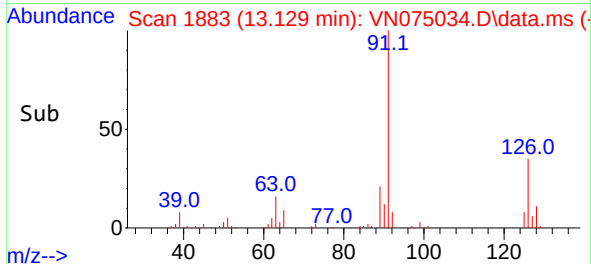
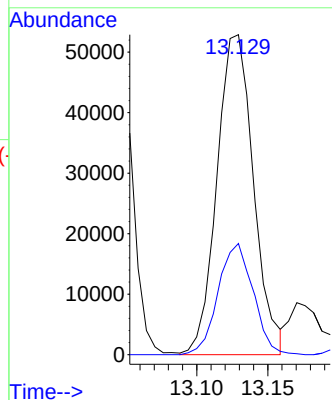
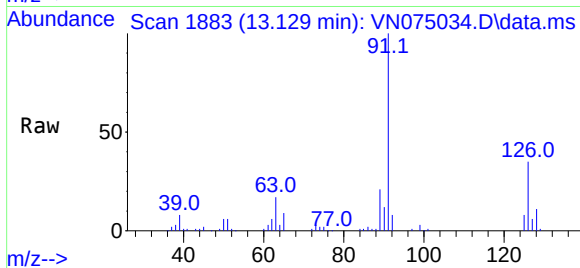




#79  
2-Chlorotoluene  
Concen: 20.615 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

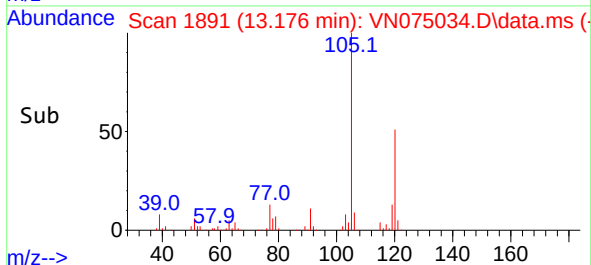
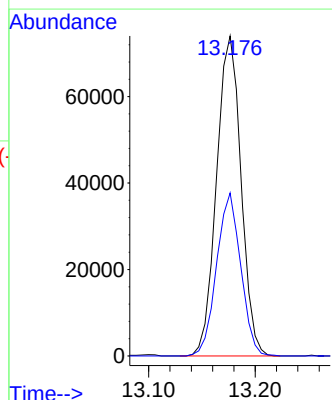
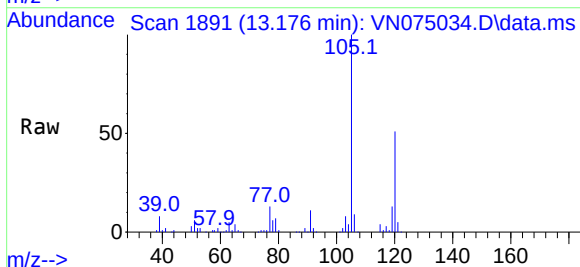
Instrument :  
MSVOA\_N  
ClientSampleId :

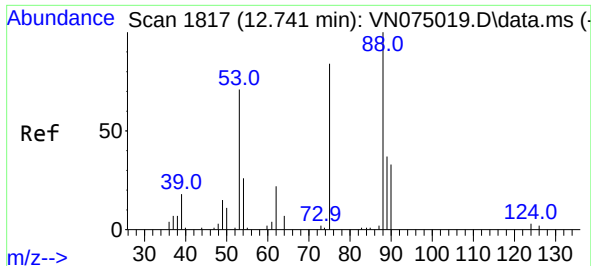
Tgt Ion: 91 Resp: 94900  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.9 50.7



#80  
1,3,5-Trimethylbenzene  
Concen: 20.947 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 105 Resp: 118049  
Ion Ratio Lower Upper  
105 100  
120 50.2 24.7 74.1

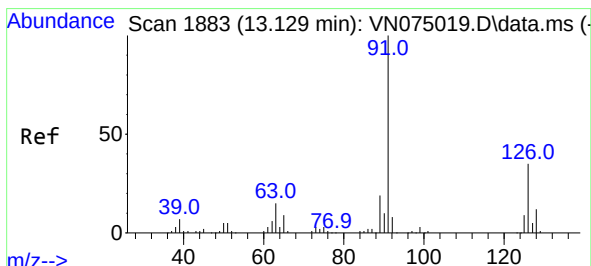
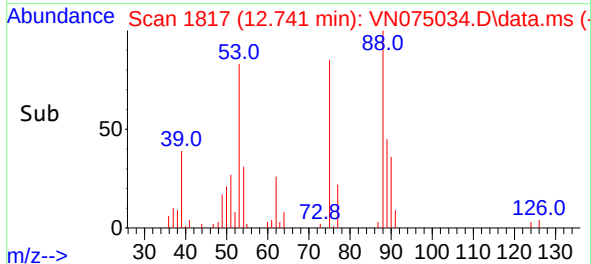
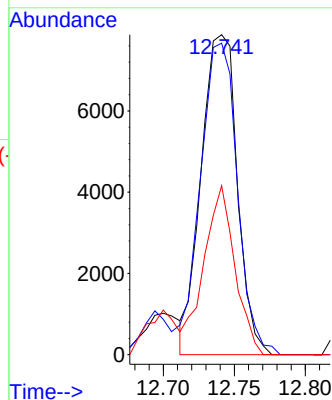
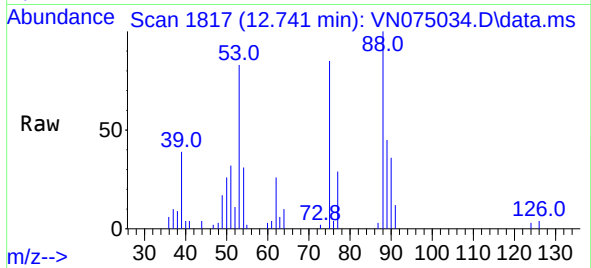




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.108 ug/l  
RT: 12.741 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

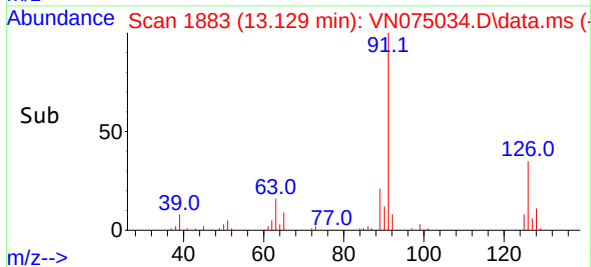
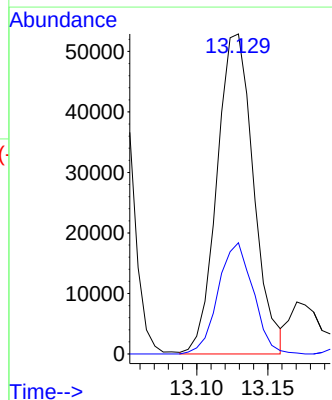
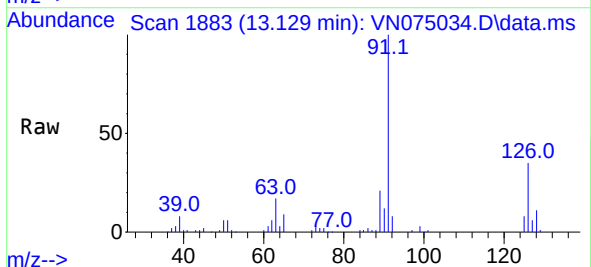
Instrument :  
MSVOA\_N  
ClientSampleId :

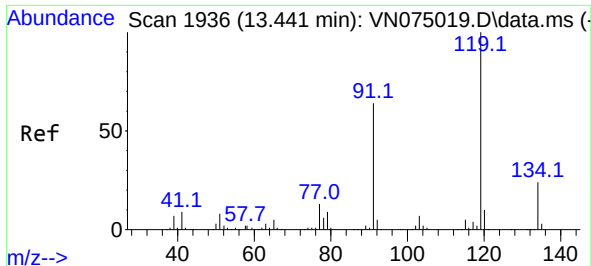
Tgt Ion: 75 Resp: 13901  
Ion Ratio Lower Upper  
75 100  
53 100.4 78.5 117.7  
89 45.6 37.7 56.5



#82  
4-Chlorotoluene  
Concen: 20.615 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 91 Resp: 94900  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.9 50.7

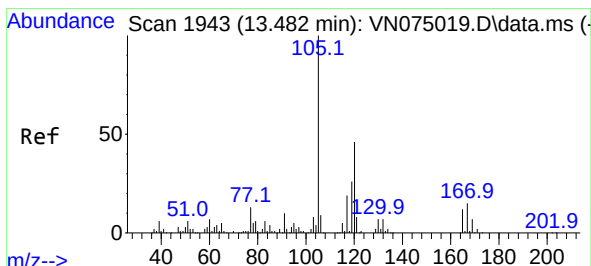
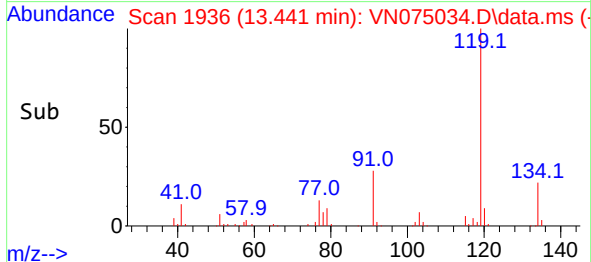
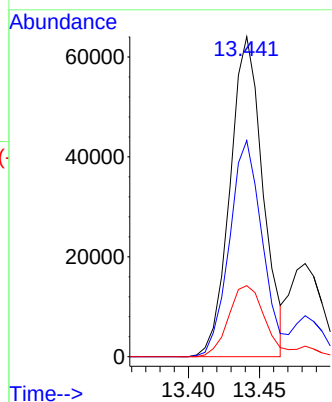
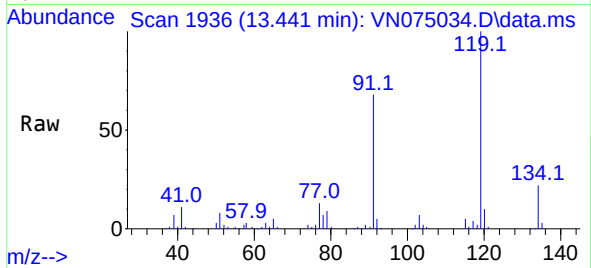




#83  
tert-Butylbenzene  
Concen: 20.623 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

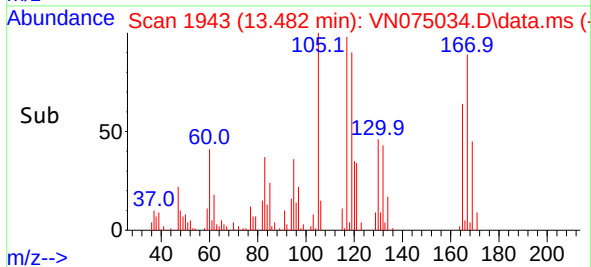
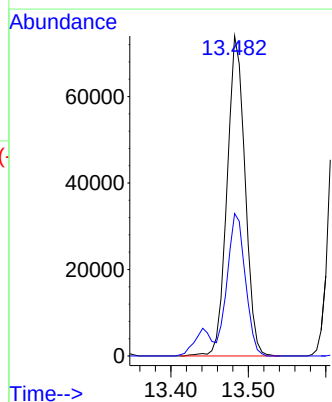
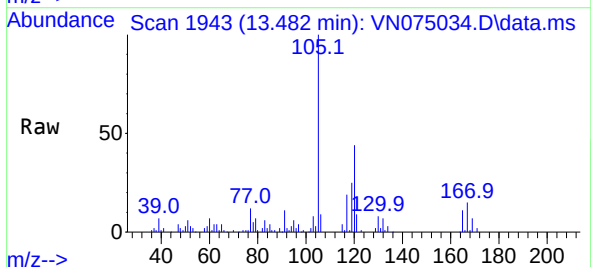
Instrument :  
MSVOA\_N  
ClientSampleId :

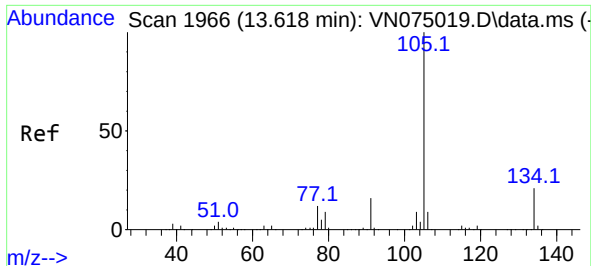
Tgt Ion:119 Resp: 103272  
Ion Ratio Lower Upper  
119 100  
91 68.3 32.8 98.4  
134 24.3 12.3 36.9



#84  
1,2,4-Trimethylbenzene  
Concen: 20.926 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion:105 Resp: 119319  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.7 68.1

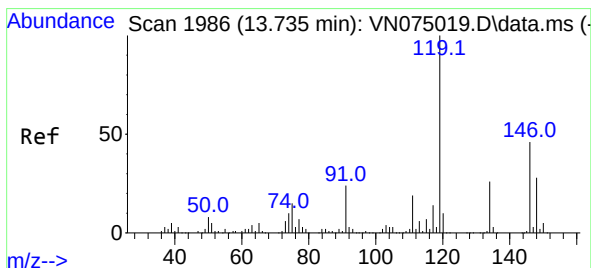
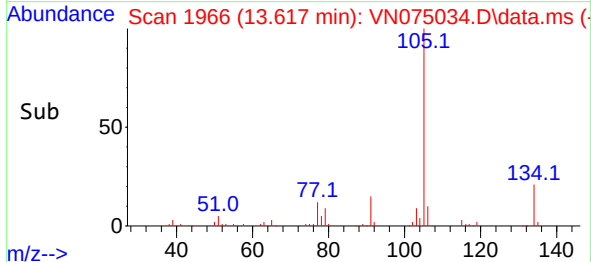
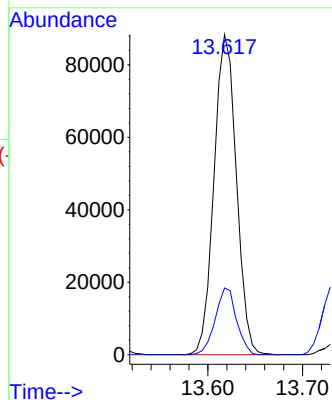
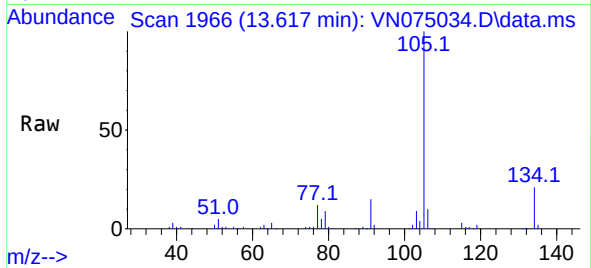




#85  
 sec-Butylbenzene  
 Concen: 20.663 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. -0.001 min  
 Lab File: VN075034.D  
 Acq: 27 Oct 2022 12:22

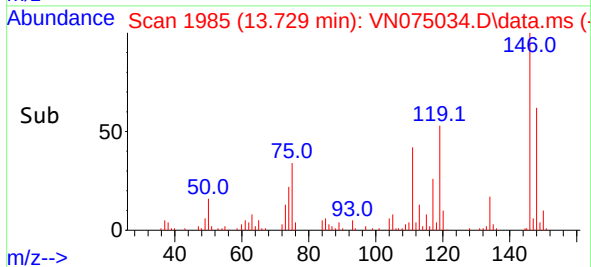
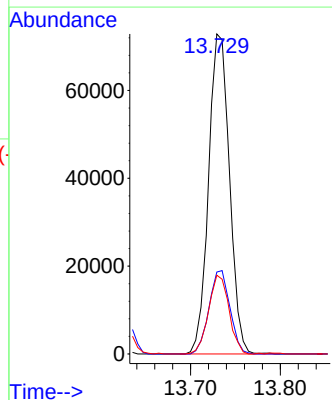
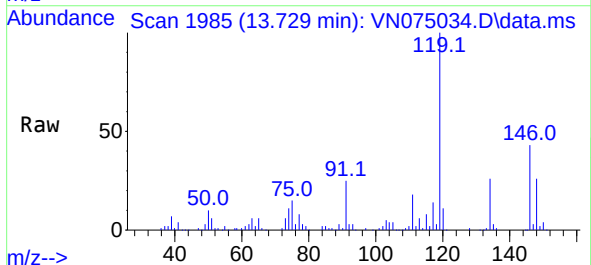
Instrument :  
 MSVOA\_N  
 ClientSampleId :

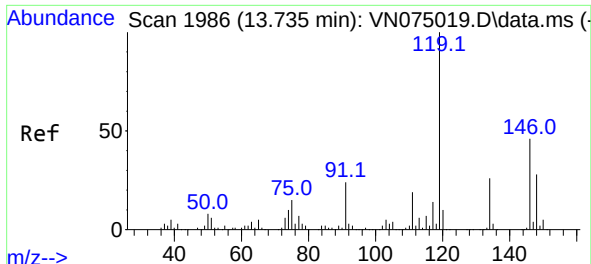
Tgt Ion:105 Resp: 144749  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 20.374 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. -0.006 min  
 Lab File: VN075034.D  
 Acq: 27 Oct 2022 12:22

Tgt Ion:119 Resp: 117873  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.1 39.3  
 91 24.1 11.9 35.5

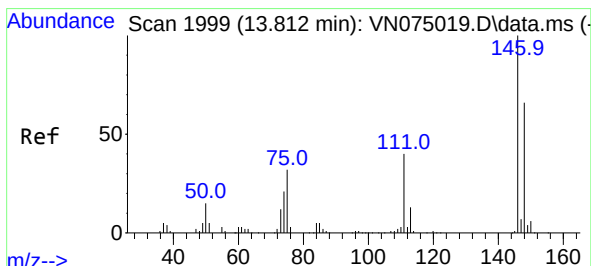
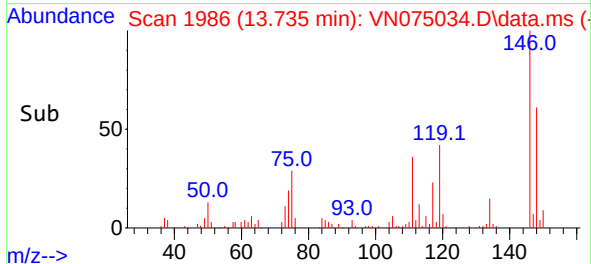
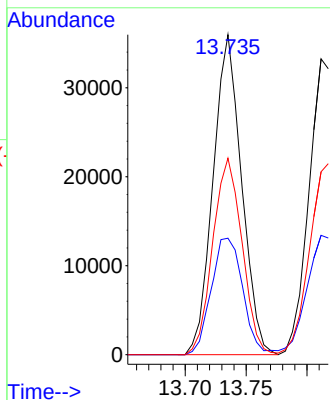
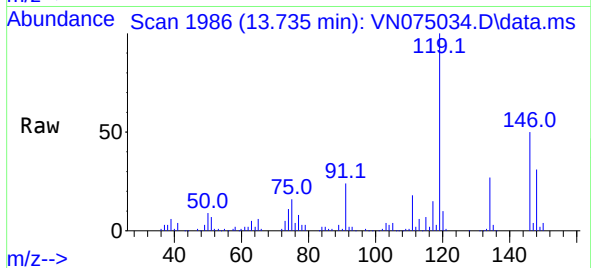




#87  
1,3-Dichlorobenzene  
Concen: 20.255 ug/l  
RT: 13.735 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

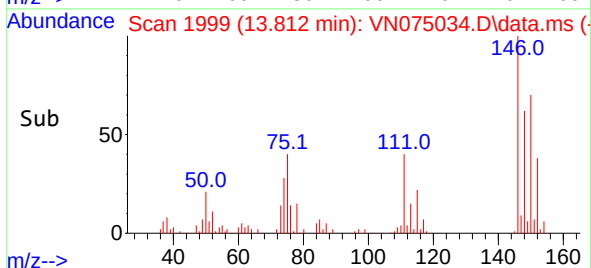
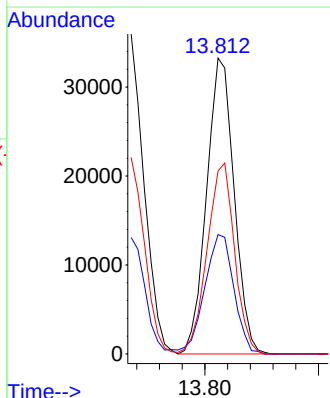
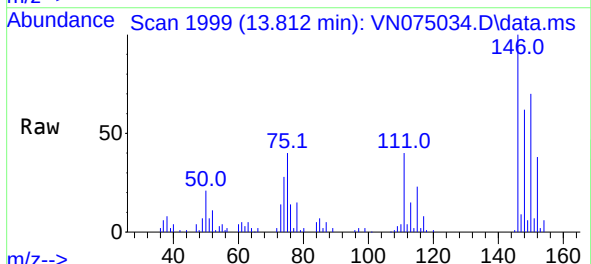
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:146 Resp: 58592  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.8 62.5  
148 63.1 31.1 93.5

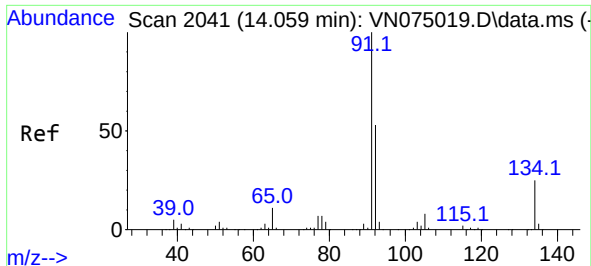


#88  
1,4-Dichlorobenzene  
Concen: 19.577 ug/l  
RT: 13.812 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion:146 Resp: 56047  
Ion Ratio Lower Upper  
146 100  
111 42.6 20.1 60.3  
148 64.3 31.9 95.7

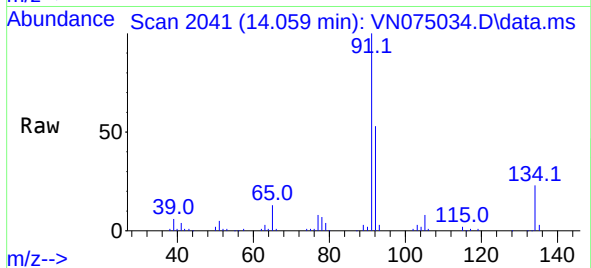




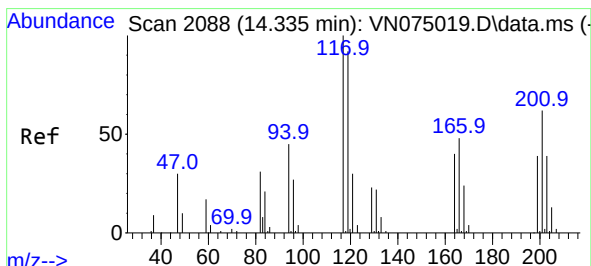
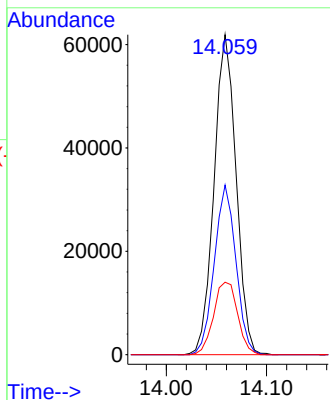
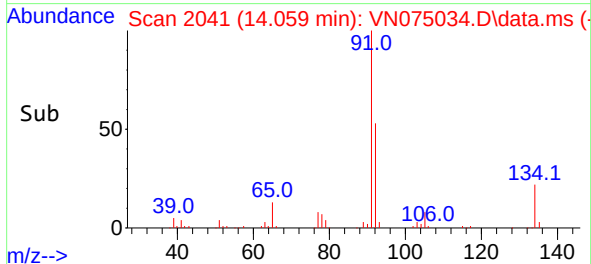


#89  
n-Butylbenzene  
Concen: 20.252 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :

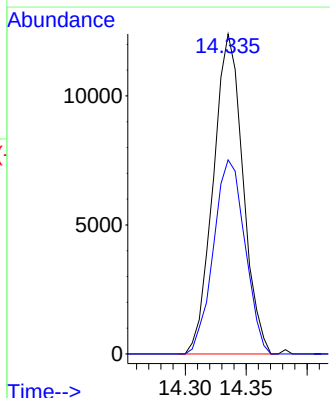
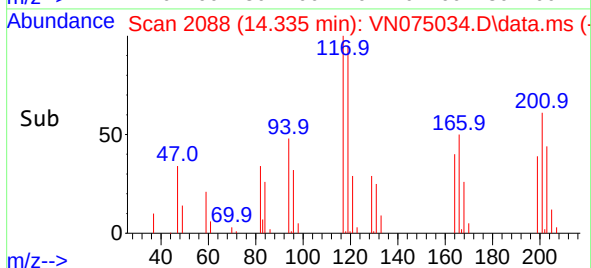
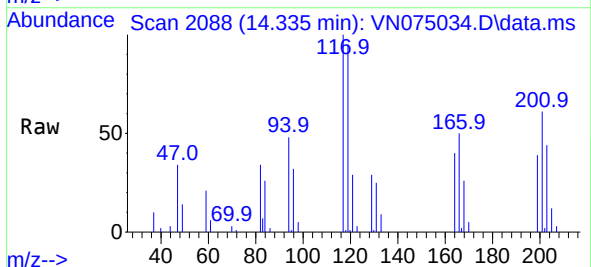


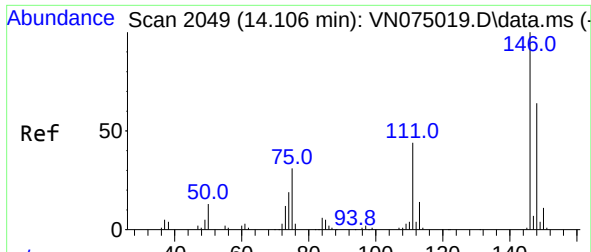
Tgt Ion: 91 Resp: 94350  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.5 79.4  
134 24.7 13.0 39.0



#90  
Hexachloroethane  
Concen: 19.815 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion: 117 Resp: 21019  
Ion Ratio Lower Upper  
117 100  
201 64.3 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 20.239 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

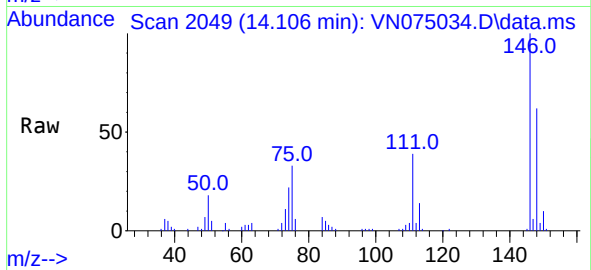
Lab File: VN075034.D

Acq: 27 Oct 2022 12:22

Instrument :

MSVOA\_N

ClientSampleId :



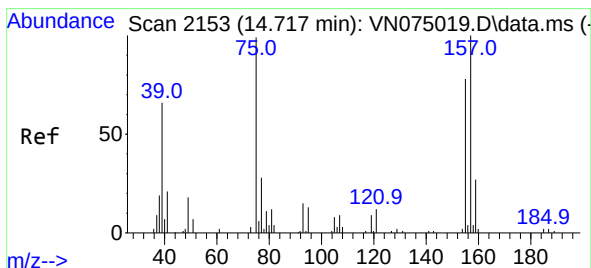
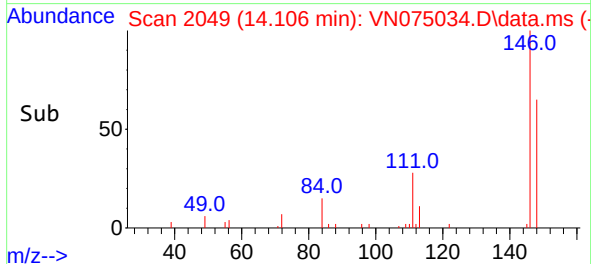
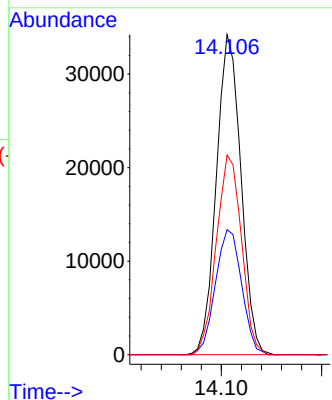
Tgt Ion:146 Resp: 58202

Ion Ratio Lower Upper

146 100

111 41.6 21.3 63.9

148 63.8 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.090 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VN075034.D

Acq: 27 Oct 2022 12:22

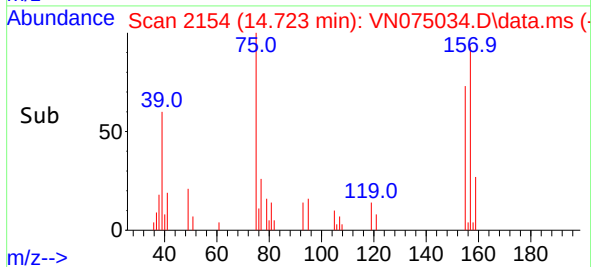
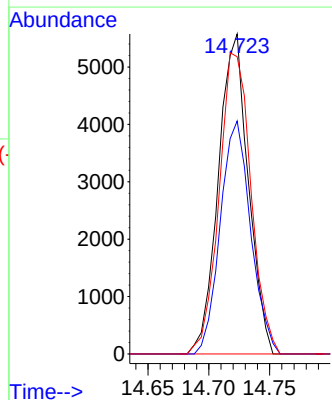
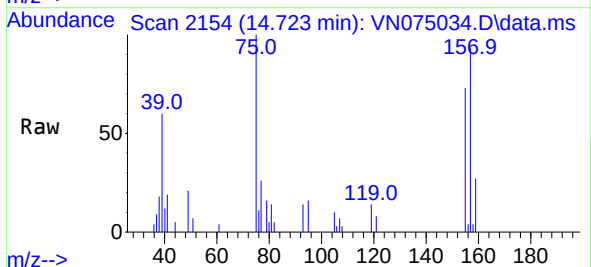
Tgt Ion: 75 Resp: 9545

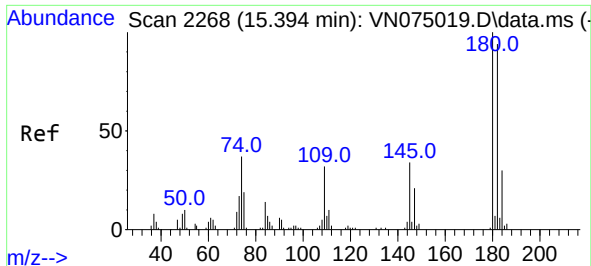
Ion Ratio Lower Upper

75 100

155 73.8 42.1 126.3

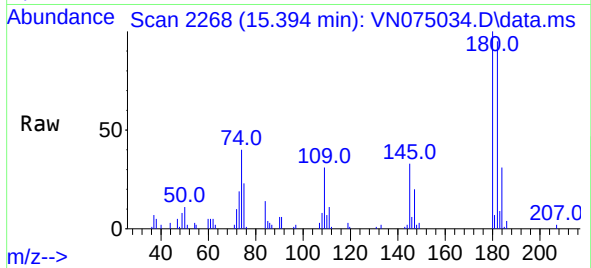
157 99.9 51.7 155.1



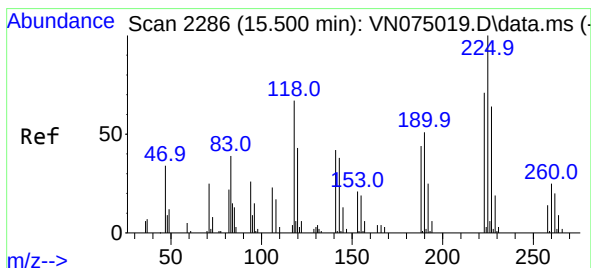
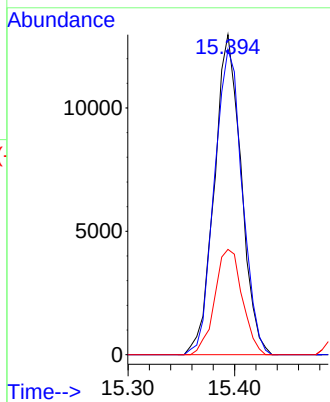
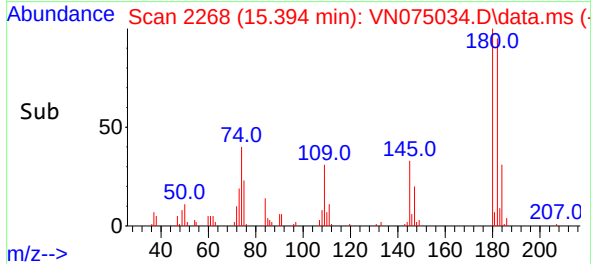


#93  
1,2,4-Trichlorobenzene  
Concen: 18.349 ug/l  
RT: 15.394 min Scan# 2268  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

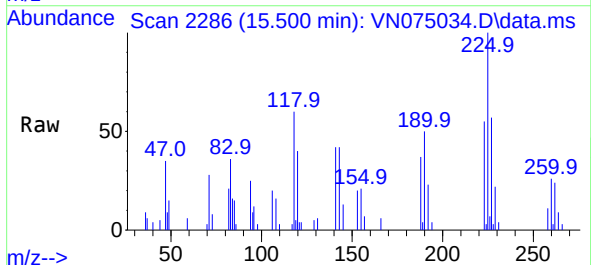
Instrument :  
MSVOA\_N  
ClientSampleId :



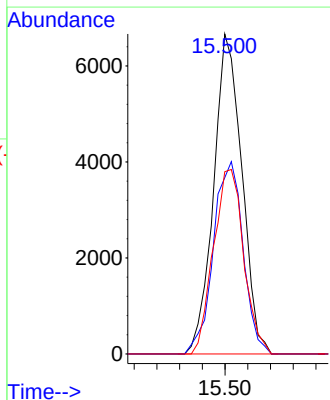
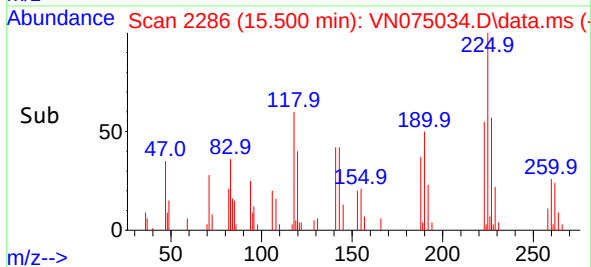
Tgt Ion:180 Resp: 22707  
Ion Ratio Lower Upper  
180 100  
182 98.8 47.8 143.4  
145 33.7 16.8 50.3

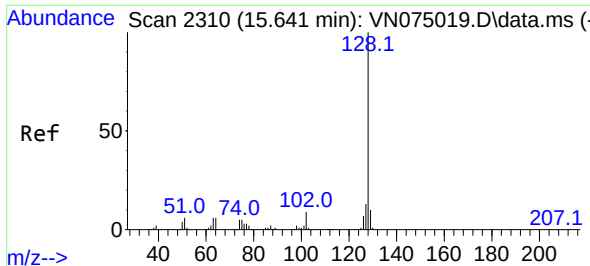


#94  
Hexachlorobutadiene  
Concen: 19.064 ug/l  
RT: 15.500 min Scan# 2286  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22



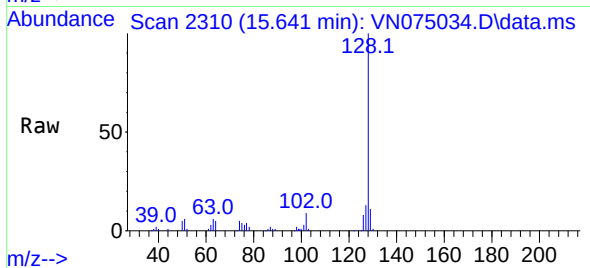
Tgt Ion:225 Resp: 11501  
Ion Ratio Lower Upper  
225 100  
223 63.3 32.3 96.9  
227 61.9 32.0 96.2





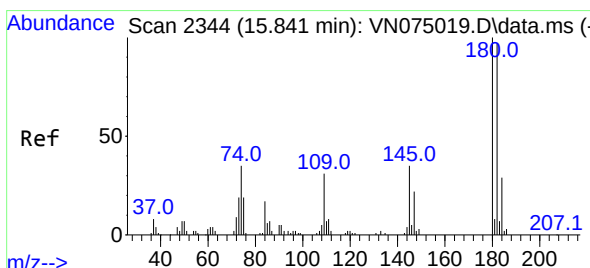
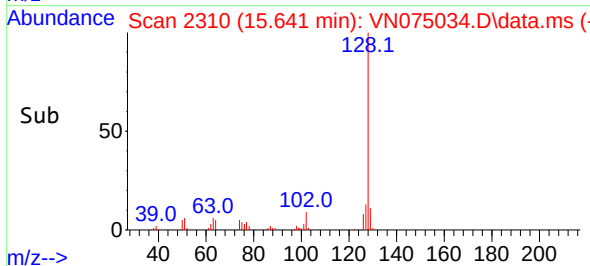
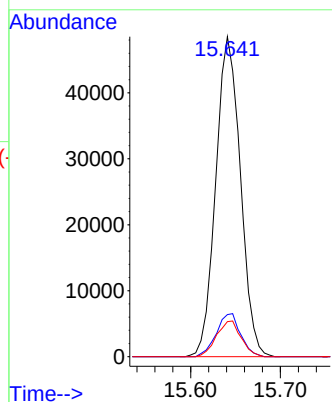
#95  
Naphthalene  
Concen: 19.423 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 92431

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.2  | 10.4  | 15.6  |
| 129 | 11.2  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 18.925 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. -0.000 min  
Lab File: VN075034.D  
Acq: 27 Oct 2022 12:22

Tgt Ion:180 Resp: 23270

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 97.8  | 47.3  | 141.8 |
| 145 | 35.3  | 17.6  | 52.9  |

