

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091024\  
 Data File : VN083742.D  
 Acq On : 10 Sep 2024 09:08  
 Operator : JC\MD  
 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 11 01:53:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 01:38:19 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 8.218  | 168   | 179260   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 305334   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 267844   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788 | 152   | 131982   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 8.577  | 65    | 266987   | 98.775   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 197.540%# |          |
| 35) Dibromofluoromethane     | 8.159  | 113   | 192905   | 98.687   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 197.380%# |          |
| 50) Toluene-d8               | 10.565 | 98    | 715598   | 105.896  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 211.800%# |          |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 273293   | 98.025   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | = 196.040%# |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 202748   | 97.390   | ug/l        | 99       |
| 3) Chloromethane             | 2.359  | 50    | 205418   | 98.414   | ug/l        | 97       |
| 4) Vinyl Chloride            | 2.518  | 62    | 211906   | 92.865   | ug/l        | 98       |
| 5) Bromomethane              | 2.906  | 94    | 117285   | 89.520   | ug/l        | 99       |
| 6) Chloroethane              | 3.077  | 64    | 136074   | 85.956   | ug/l        | 97       |
| 7) Trichlorofluoromethane    | 3.471  | 101   | 354762   | 91.591   | ug/l        | 99       |
| 8) Diethyl Ether             | 3.953  | 74    | 124053   | 95.544   | ug/l        | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.359  | 101   | 195938   | 95.438   | ug/l        | 98       |
| 10) Methyl Iodide            | 4.577  | 142   | 249832   | 95.682   | ug/l        | 96       |
| 11) Tert butyl alcohol       | 5.536  | 59    | 159849   | 441.627  | ug/l        | 100      |
| 12) 1,1-Dichloroethene       | 4.324  | 96    | 185025   | 95.429   | ug/l        | 93       |
| 13) Acrolein                 | 4.171  | 56    | 158000   | 442.417  | ug/l        | 99       |
| 14) Allyl chloride           | 5.012  | 41    | 334937   | 96.948   | ug/l        | 98       |
| 15) Acrylonitrile            | 5.718  | 53    | 454054   | 461.277  | ug/l        | 99       |
| 16) Acetone                  | 4.424  | 43    | 515707   | 475.936  | ug/l        | 98       |
| 17) Carbon Disulfide         | 4.700  | 76    | 497982   | 91.817   | ug/l        | 100      |
| 18) Methyl Acetate           | 5.018  | 43    | 217598   | 98.170   | ug/l        | 100      |
| 19) Methyl tert-butyl Ether  | 5.789  | 73    | 668351   | 95.259   | ug/l        | 100      |
| 20) Methylene Chloride       | 5.271  | 84    | 203805   | 91.913   | ug/l        | 92       |
| 21) trans-1,2-Dichloroethene | 5.783  | 96    | 191098   | 91.967   | ug/l        | 95       |
| 22) Diisopropyl ether        | 6.665  | 45    | 694175   | 97.608   | ug/l        | 99       |
| 23) Vinyl Acetate            | 6.600  | 43    | 2661752  | 511.076  | ug/l        | 99       |
| 24) 1,1-Dichloroethane       | 6.565  | 63    | 383257   | 93.539   | ug/l        | 99       |
| 25) 2-Butanone               | 7.483  | 43    | 667006   | 468.347  | ug/l        | 99       |
| 26) 2,2-Dichloropropane      | 7.483  | 77    | 374693   | 99.301   | ug/l        | 99       |
| 27) cis-1,2-Dichloroethene   | 7.483  | 96    | 237908   | 96.450   | ug/l        | 100      |
| 28) Bromochloromethane       | 7.812  | 49    | 171038   | 99.126   | ug/l        | 97       |
| 29) Tetrahydrofuran          | 7.835  | 42    | 398869   | 473.660  | ug/l        | 99       |
| 30) Chloroform               | 7.965  | 83    | 410584   | 94.390   | ug/l        | 100      |
| 31) Cyclohexane              | 8.253  | 56    | 346019   | 88.574   | ug/l        | 98       |
| 32) 1,1,1-Trichloroethane    | 8.165  | 97    | 380933   | 95.240   | ug/l        | 99       |
| 36) 1,1-Dichloropropene      | 8.365  | 75    | 287609   | 97.756   | ug/l        | 99       |
| 37) Ethyl Acetate            | 7.559  | 43    | 263623   | 98.714   | ug/l        | 98       |
| 38) Carbon Tetrachloride     | 8.359  | 117   | 330457   | 99.004   | ug/l        | 99       |
| 39) Methylcyclohexane        | 9.600  | 83    | 346860   | 103.576  | ug/l        | 99       |
| 40) Benzene                  | 8.600  | 78    | 854656   | 96.512   | ug/l        | 99       |

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 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 11 01:53:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 01:38:19 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 158600   | 100.410  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 319551   | 96.572   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 473198   | 97.780   | ug/l   | 97       |
| 44) Trichloroethene           | 9.347  | 130  | 197536   | 96.327   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 206374   | 96.423   | ug/l   | 100      |
| 46) Dibromomethane            | 9.706  | 93   | 147957   | 98.695   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 327336   | 100.891  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.677  | 41   | 227071   | 98.898   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 68427    | 1811.632 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1295313  | 491.701  | ug/l   | 99       |
| 52) Toluene                   | 10.629 | 92   | 539024   | 99.513   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 335958   | 102.158  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 350699   | 101.521  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 192101   | 94.997   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 327895   | 105.392  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 340321   | 97.921   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 747188   | 666.516  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 963063   | 494.210  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 230885   | 102.022  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 197595   | 97.978   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 167917   | 94.271   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.888 | 112  | 560440   | 94.145   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 201130   | 97.460   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 1063437  | 100.561  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.070 | 106  | 786134   | 200.232  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 378786   | 99.660   | ug/l   | 99       |
| 70) Styrene                   | 12.412 | 104  | 646938   | 103.715  | ug/l   | 100      |
| 71) Bromoform                 | 12.576 | 173  | 145739   | 104.798  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.694 | 105  | 1012206  | 99.129   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 430629   | 98.846   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 268013   | 89.333   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 368567   | 138.396  | ug/l   | 64       |
| 77) Bromobenzene              | 12.976 | 156  | 221922   | 90.289   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 1192155  | 100.345  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 712679   | 94.060   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 845837   | 98.252   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 102156   | 100.466  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 718771   | 94.532   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 738032   | 97.989   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 851267   | 98.439   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.617 | 105  | 1017747  | 101.889  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 854481   | 102.048  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 416366   | 89.760   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 418608   | 89.123   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 756542   | 100.632  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 160428   | 95.312   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 414582   | 92.608   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 57895    | 96.804   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 227276   | 94.607   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 93025    | 91.182   | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 719851   | 98.492   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 215058   | 93.670   | ug/l   | 100      |

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Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 11 01:53:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 01:38:19 2024  
Response via : Initial Calibration

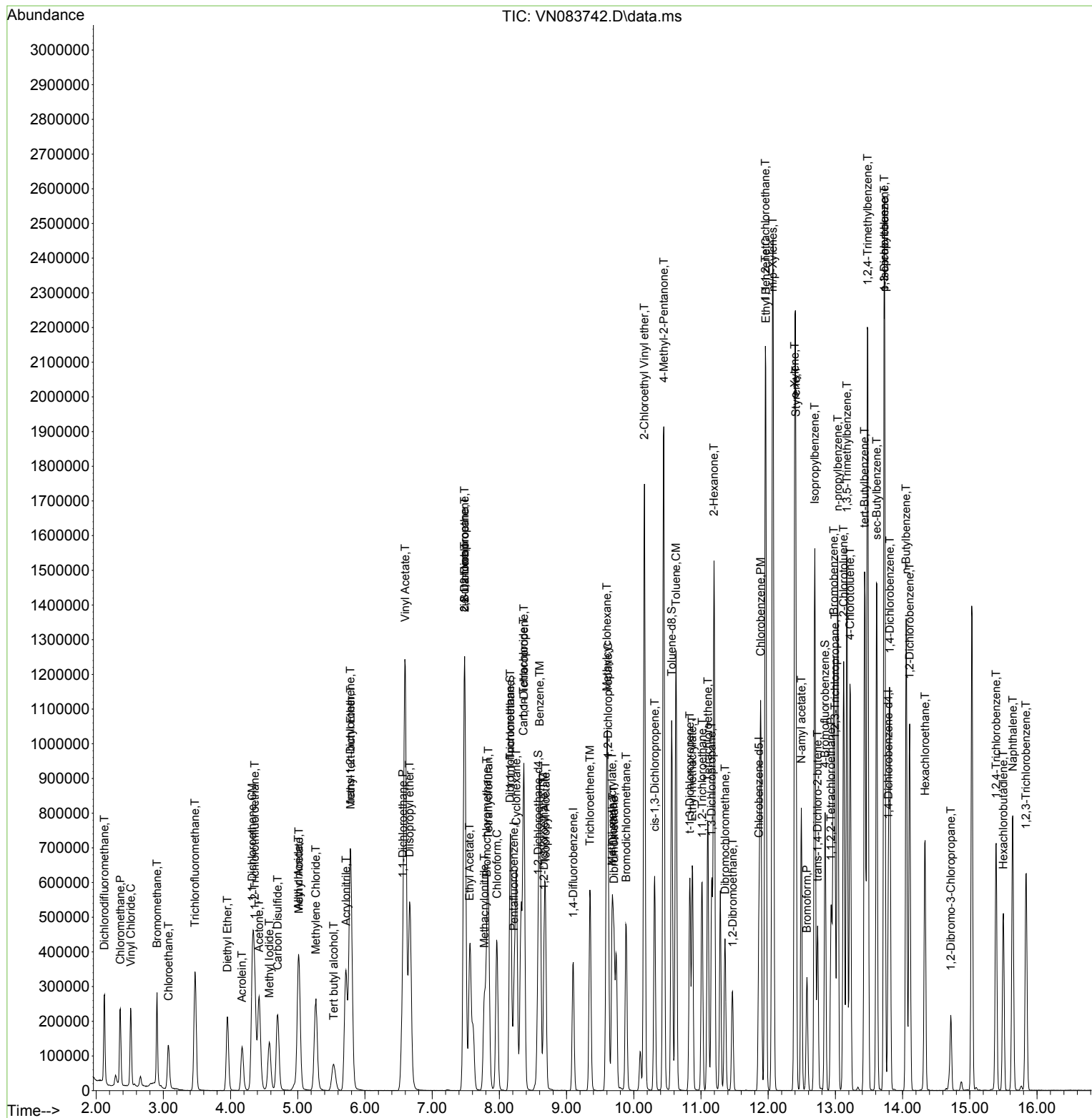
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

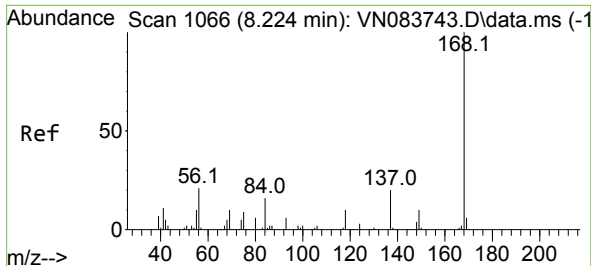
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 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

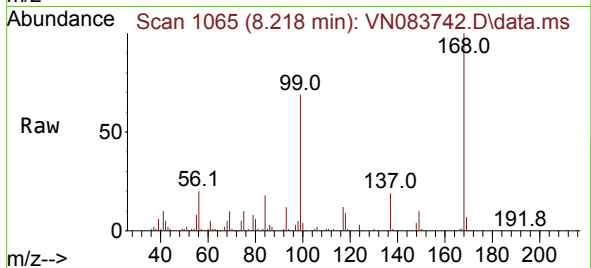
Quant Time: Sep 11 01:53:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 01:38:19 2024  
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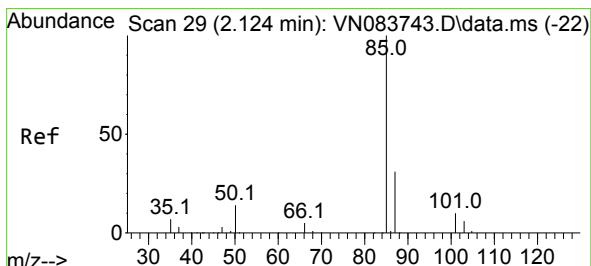
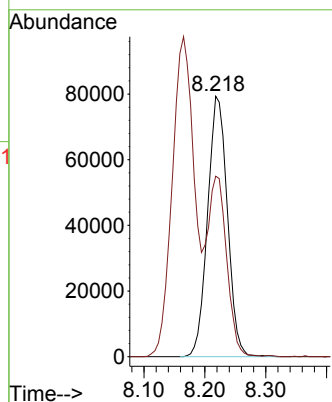
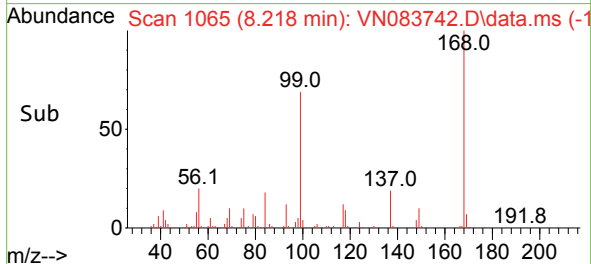


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Instrument :  
MSVOA\_N  
ClientSampleId :

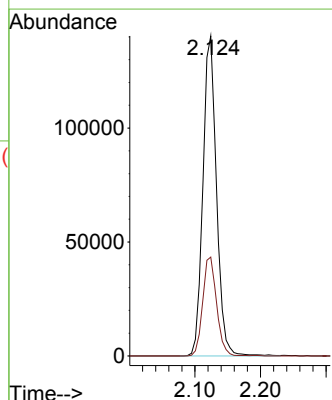
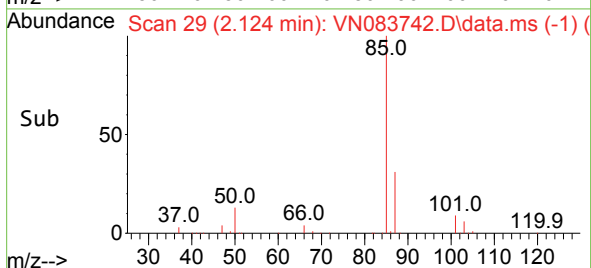
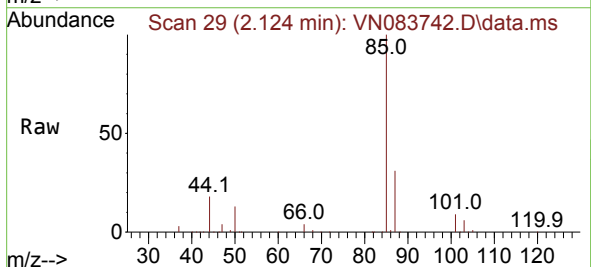


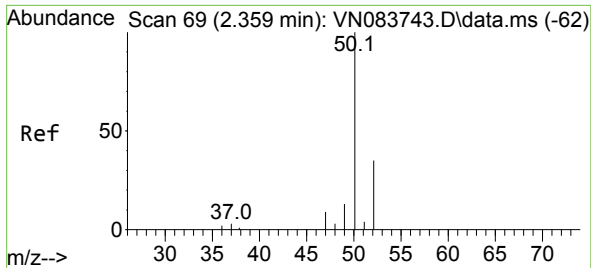
Tgt Ion:168 Resp: 179260  
Ion Ratio Lower Upper  
168 100  
99 69.3 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 97.390 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 85 Resp: 202748  
Ion Ratio Lower Upper  
85 100  
87 30.9 15.7 47.0

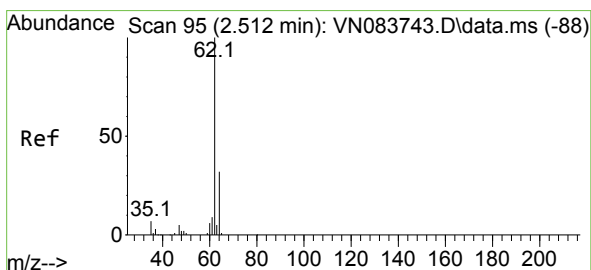
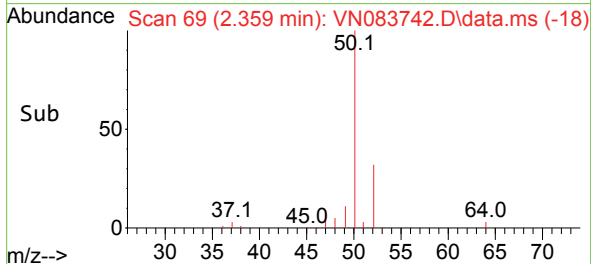
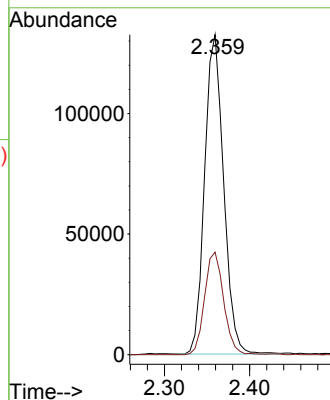
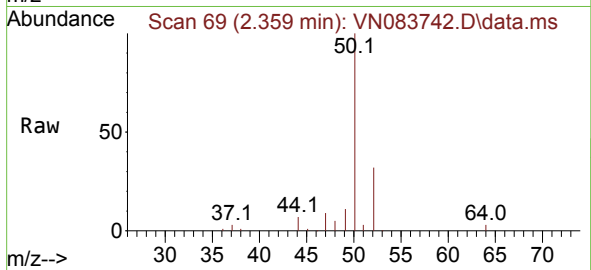




#3  
Chloromethane  
Concen: 98.414 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

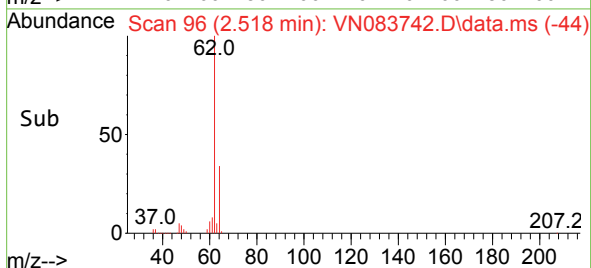
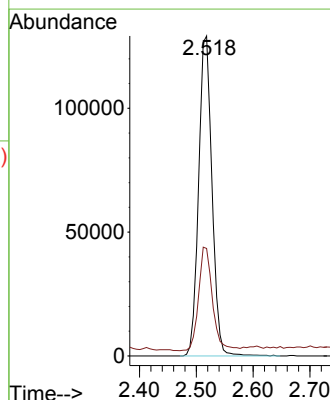
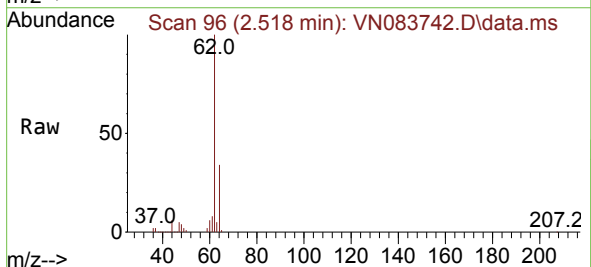
Instrument :  
MSVOA\_N  
ClientSampleId :

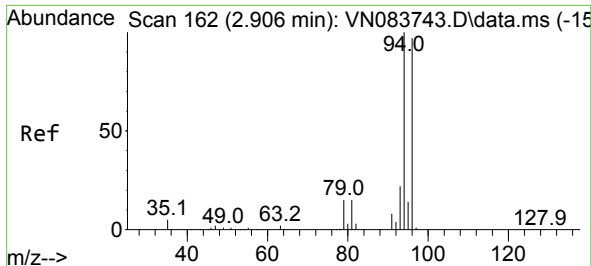
Tgt Ion: 50 Resp: 205418  
Ion Ratio Lower Upper  
50 100  
52 32.1 27.2 40.8



#4  
Vinyl Chloride  
Concen: 92.865 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 62 Resp: 211906  
Ion Ratio Lower Upper  
62 100  
64 31.9 24.7 37.1

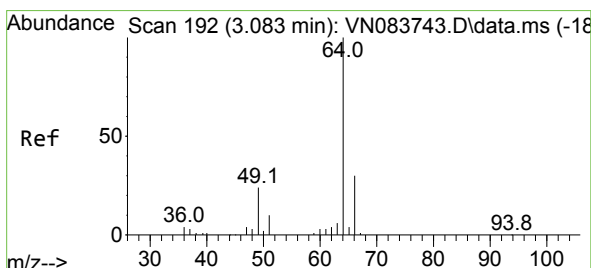
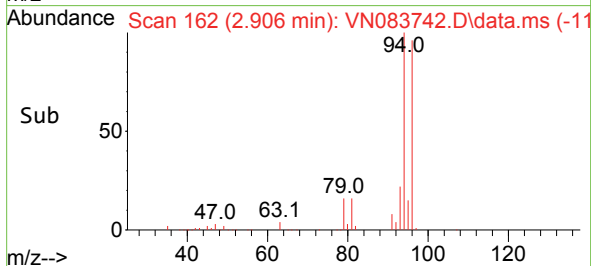
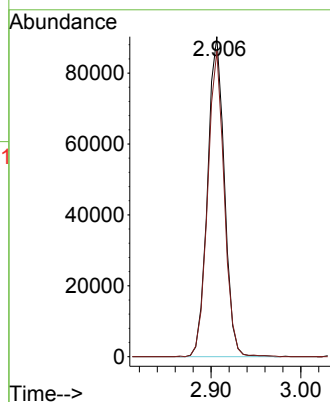
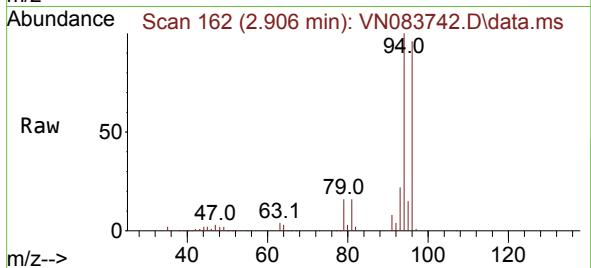




#5  
Bromomethane  
Concen: 89.520 ug/l  
RT: 2.906 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

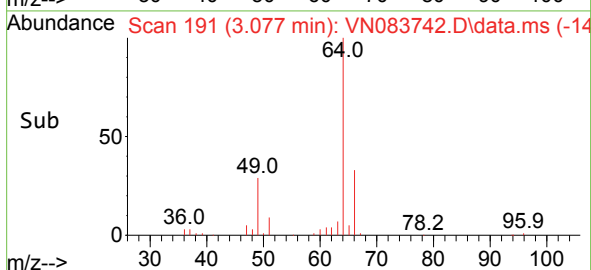
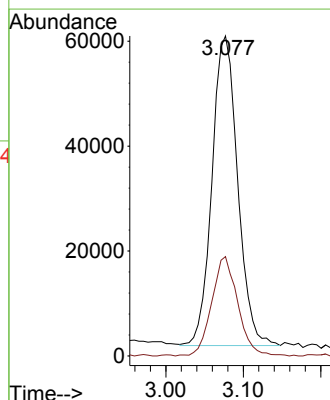
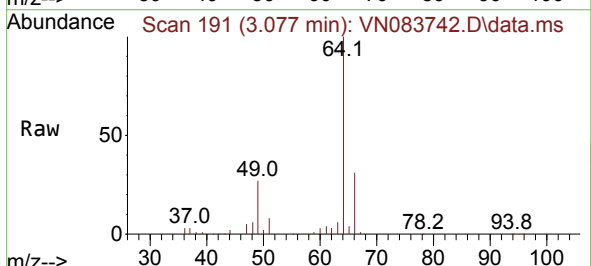
Instrument :  
MSVOA\_N  
ClientSampleId :

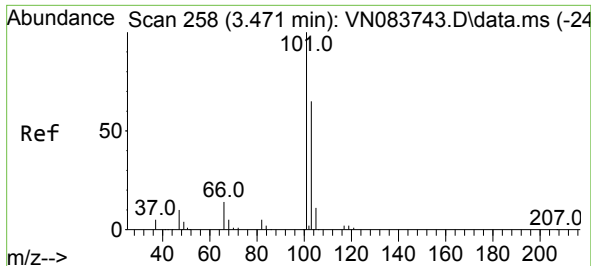
Tgt Ion: 94 Resp: 117285  
Ion Ratio Lower Upper  
94 100  
96 95.5 76.0 114.0



#6  
Chloroethane  
Concen: 85.956 ug/l  
RT: 3.077 min Scan# 191  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 64 Resp: 136074  
Ion Ratio Lower Upper  
64 100  
66 31.8 23.9 35.9

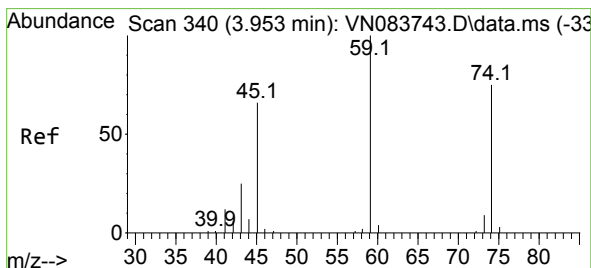
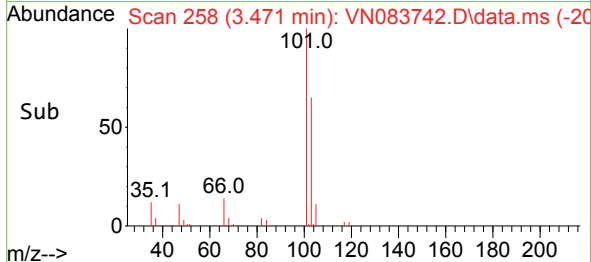
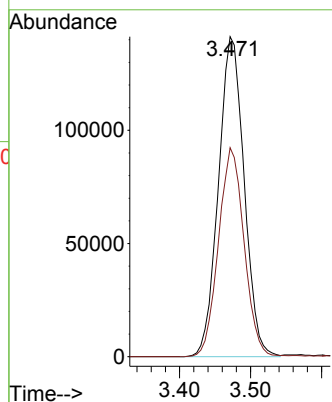
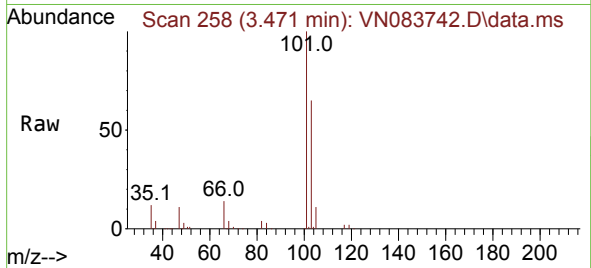




#7  
Trichlorofluoromethane  
Concen: 91.591 ug/l  
RT: 3.471 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

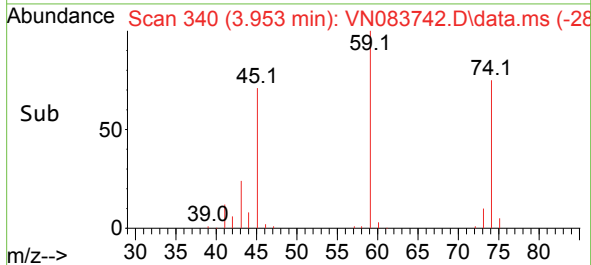
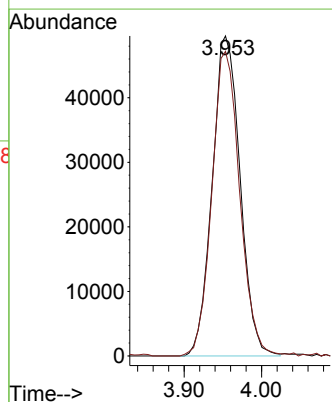
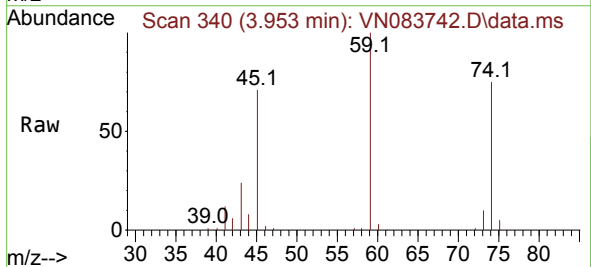
Instrument :  
MSVOA\_N  
ClientSampleId :

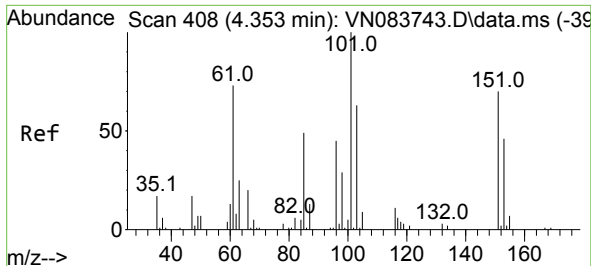
Tgt Ion:101 Resp: 354762  
Ion Ratio Lower Upper  
101 100  
103 65.3 51.4 77.0



#8  
Diethyl Ether  
Concen: 95.544 ug/l  
RT: 3.953 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 74 Resp: 124053  
Ion Ratio Lower Upper  
74 100  
45 95.4 46.7 140.1

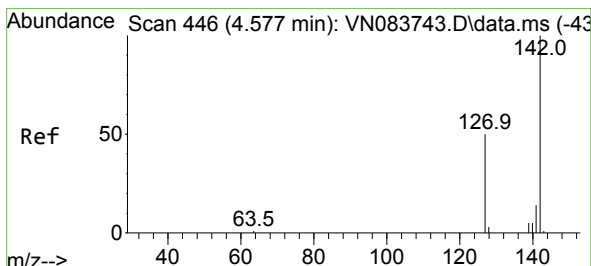
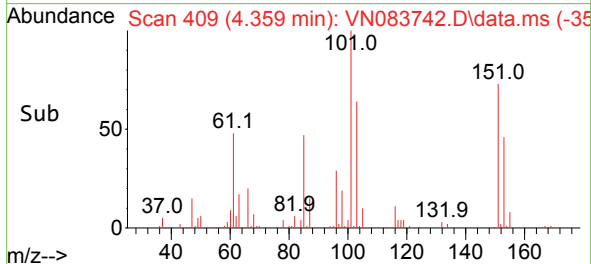
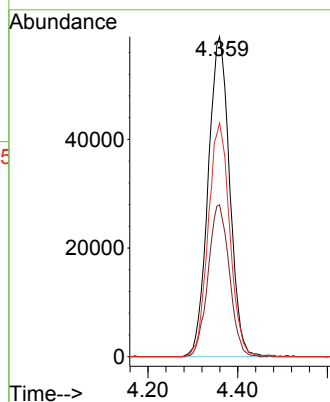
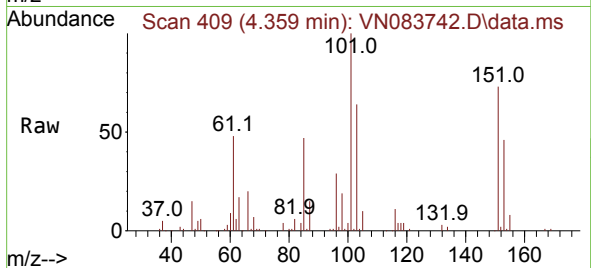




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 95.438 ug/l  
RT: 4.359 min Scan# 409  
Delta R.T. 0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

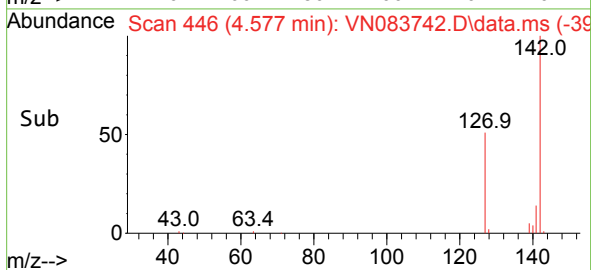
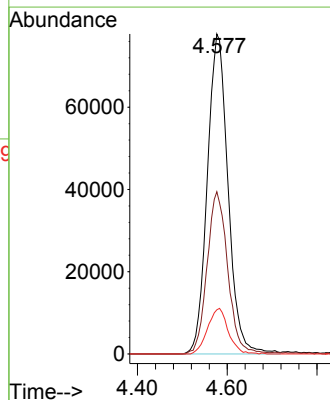
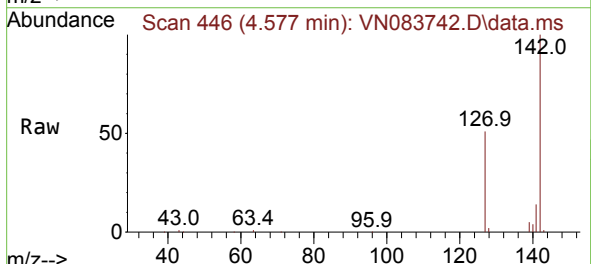
Instrument :  
MSVOA\_N  
ClientSampleId :

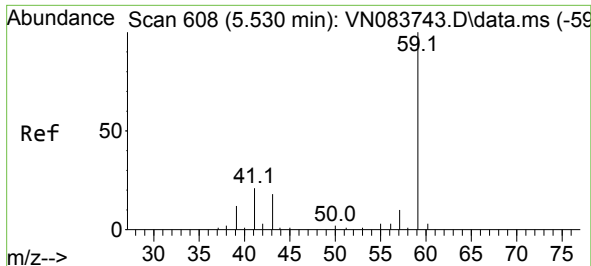
Tgt Ion:101 Resp: 195938  
Ion Ratio Lower Upper  
101 100  
85 47.0 36.2 54.4  
151 72.9 57.7 86.5



#10  
Methyl Iodide  
Concen: 95.682 ug/l  
RT: 4.577 min Scan# 446  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion:142 Resp: 249832  
Ion Ratio Lower Upper  
142 100  
127 50.7 37.5 56.3  
141 13.8 11.0 16.4

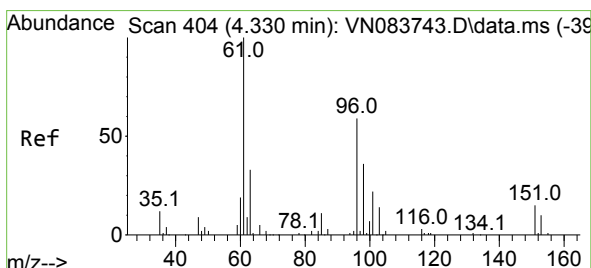
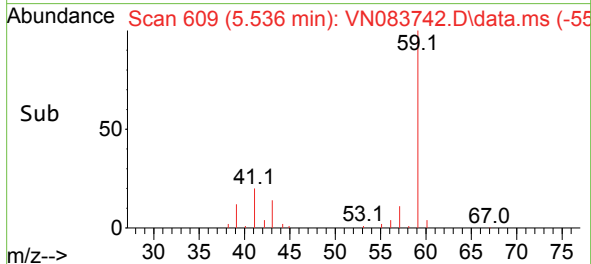
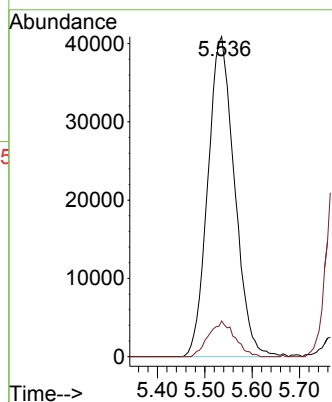
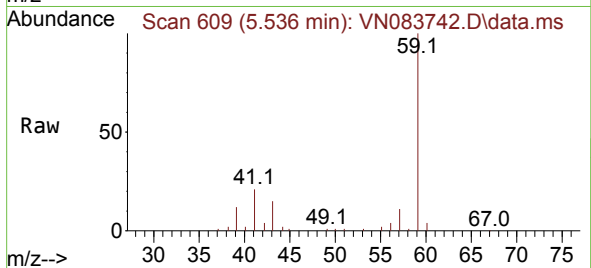




#11  
Tert butyl alcohol  
Concen: 441.627 ug/l  
RT: 5.536 min Scan# 608  
Delta R.T. 0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

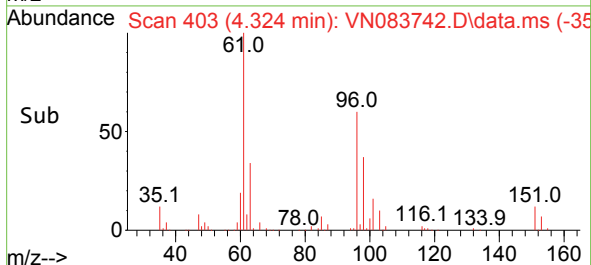
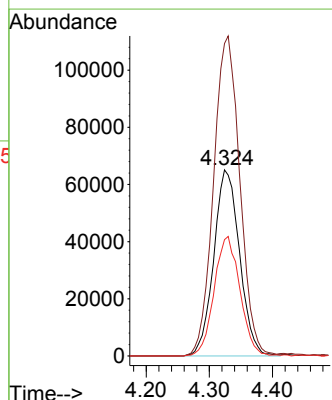
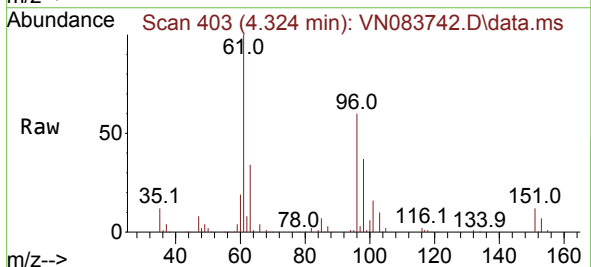
Instrument :  
MSVOA\_N  
ClientSampleId :

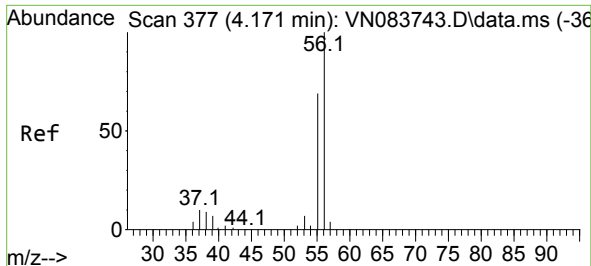
Tgt Ion: 59 Resp: 159849  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 95.429 ug/l  
RT: 4.324 min Scan# 403  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 96 Resp: 185025  
Ion Ratio Lower Upper  
96 100  
61 168.0 143.4 215.0  
98 62.6 52.7 79.1

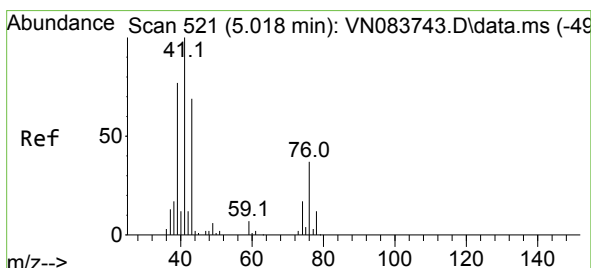
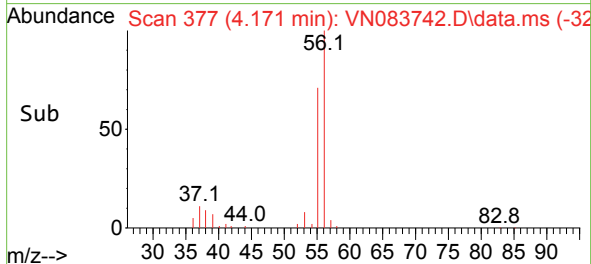
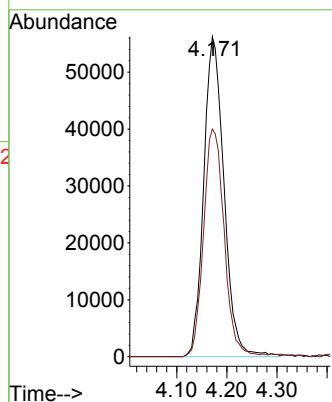
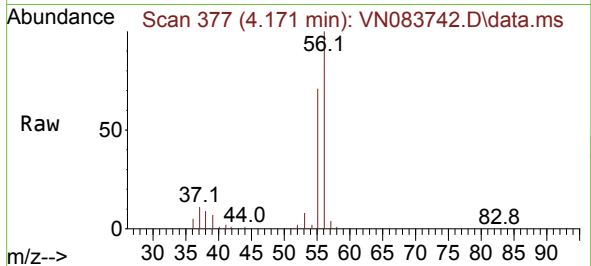




#13  
Acrolein  
Concen: 442.417 ug/l  
RT: 4.171 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

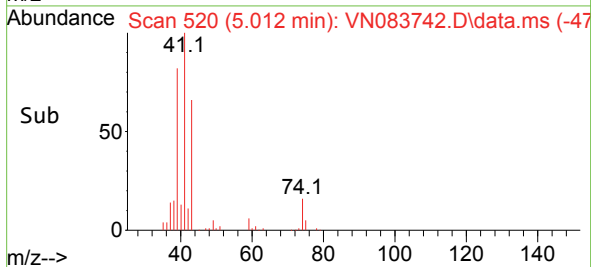
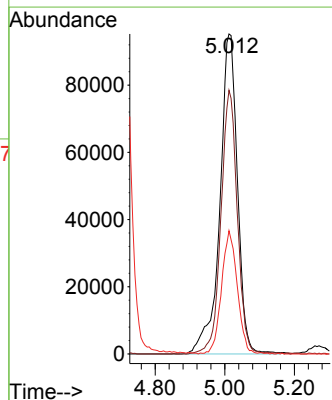
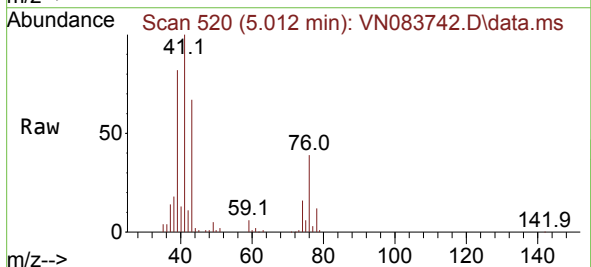
Instrument :  
MSVOA\_N  
ClientSampleId :

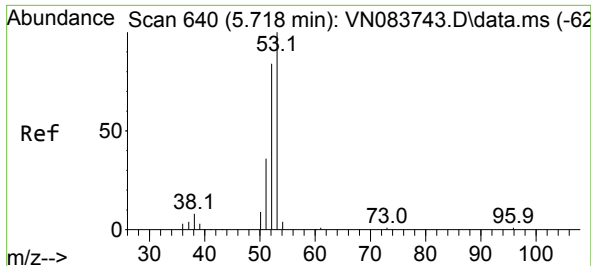
Tgt Ion: 56 Resp: 158000  
Ion Ratio Lower Upper  
56 100  
55 72.1 58.2 87.2



#14  
Allyl chloride  
Concen: 96.948 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

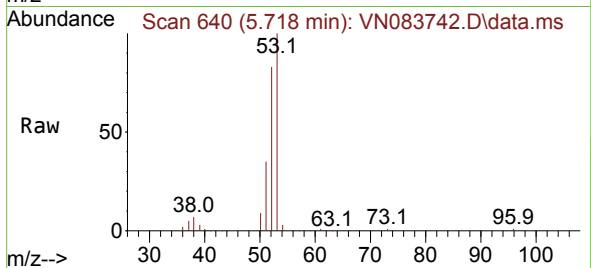
Tgt Ion: 41 Resp: 334937  
Ion Ratio Lower Upper  
41 100  
39 76.4 59.3 88.9  
76 34.4 27.7 41.5



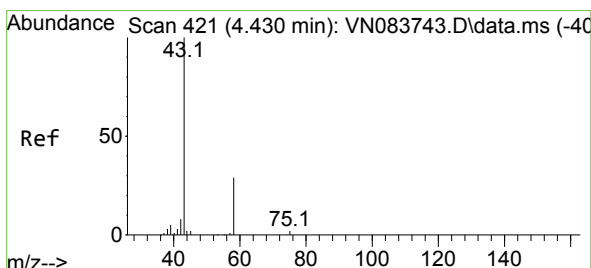
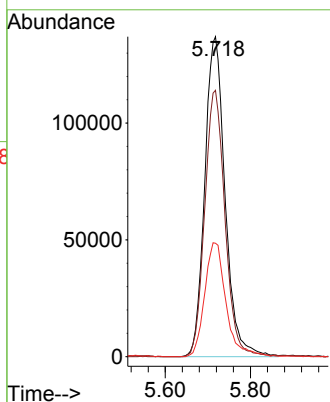
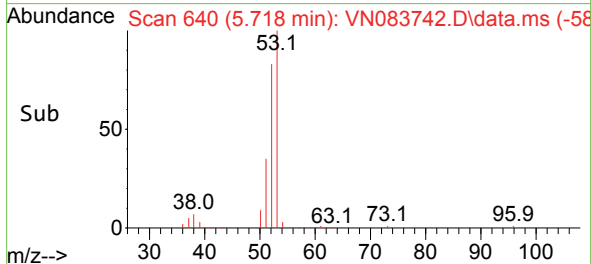


#15  
Acrylonitrile  
Concen: 461.277 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Instrument :  
MSVOA\_N  
ClientSampleId :

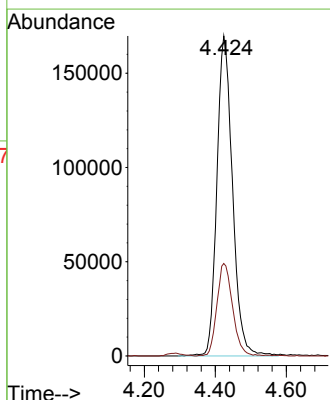
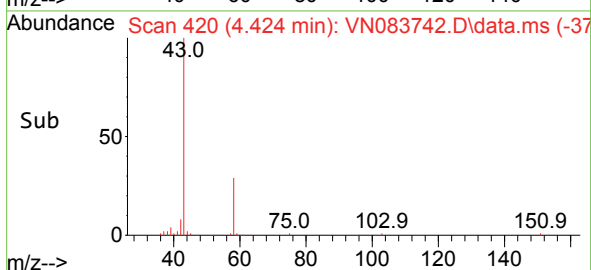
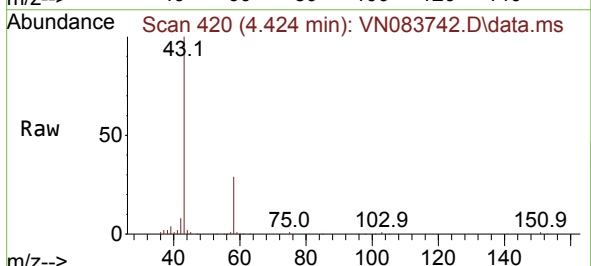


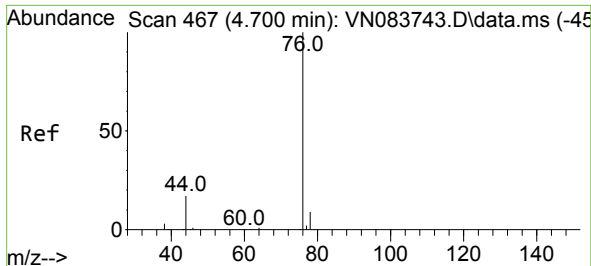
Tgt Ion: 53 Resp: 454054  
Ion Ratio Lower Upper  
53 100  
52 83.2 66.1 99.1  
51 37.3 29.6 44.4



#16  
Acetone  
Concen: 475.936 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 43 Resp: 515707  
Ion Ratio Lower Upper  
43 100  
58 28.7 23.7 35.5





#17

Carbon Disulfide

Concen: 91.817 ug/l

RT: 4.700 min Scan# 4

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

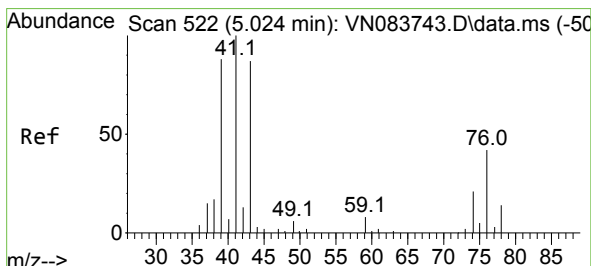
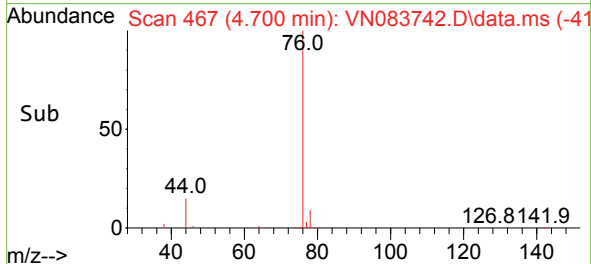
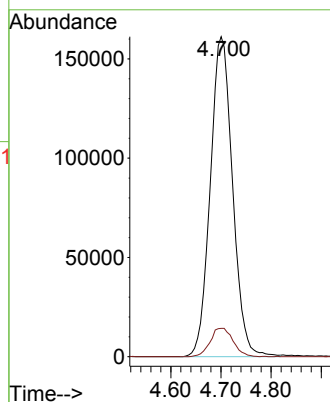
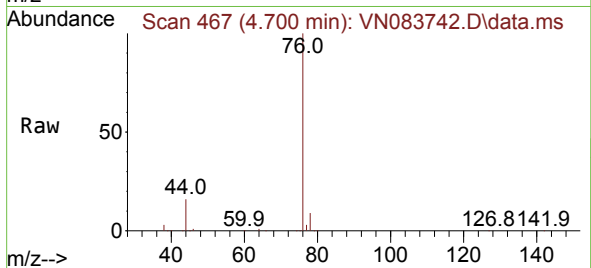
ClientSampleId :

Tgt Ion: 76 Resp: 497982

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 98.170 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN083742.D

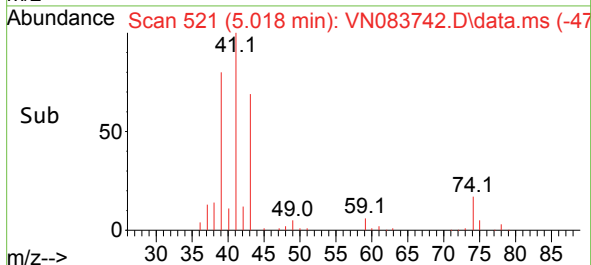
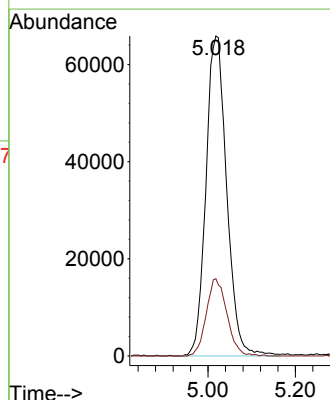
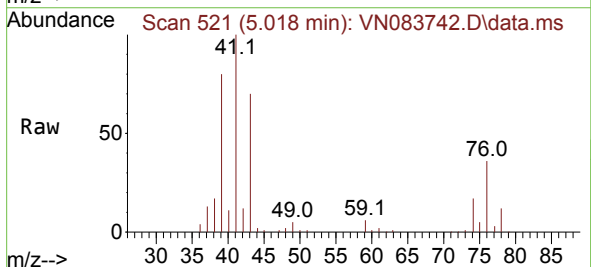
Acq: 10 Sep 2024 09:08

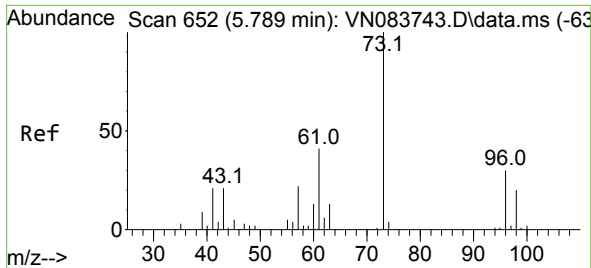
Tgt Ion: 43 Resp: 217598

Ion Ratio Lower Upper

43 100

74 23.9 19.0 28.4

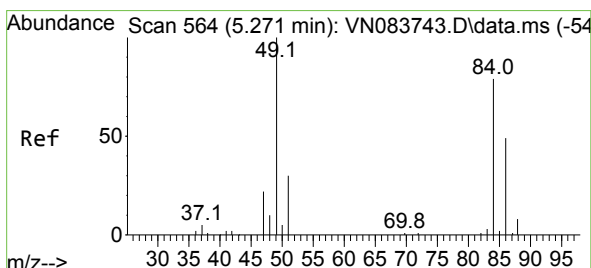
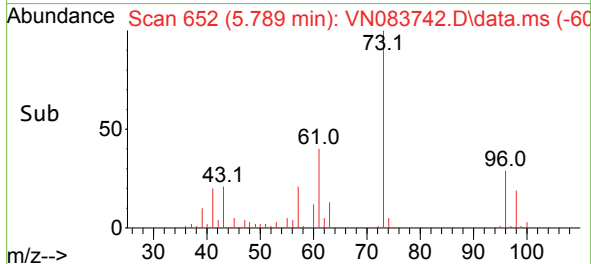
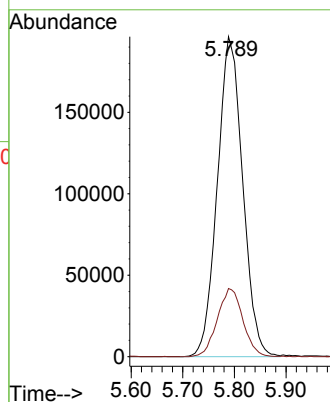
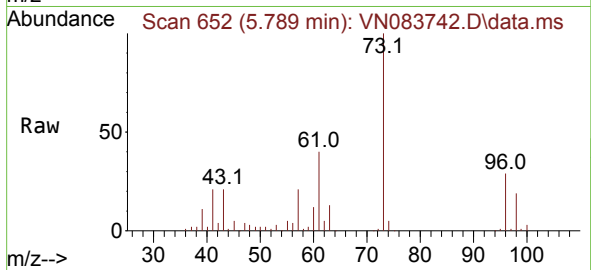




#19  
Methyl tert-butyl Ether  
Concen: 95.259 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

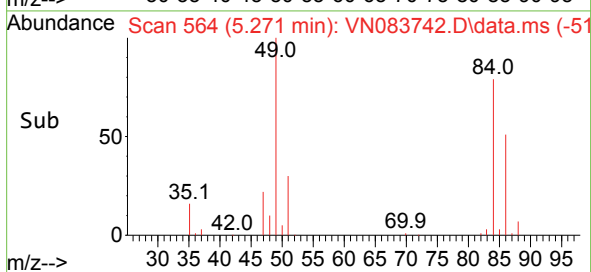
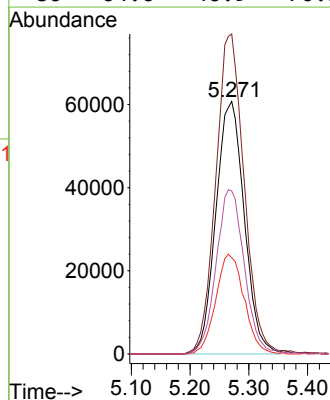
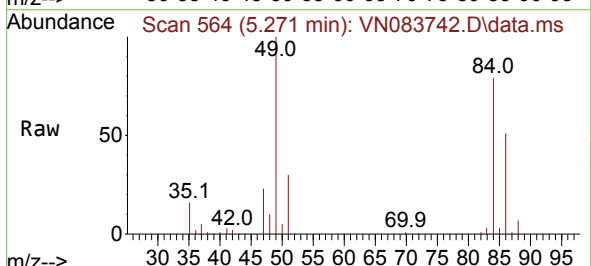
Instrument :  
MSVOA\_N  
ClientSampleId :

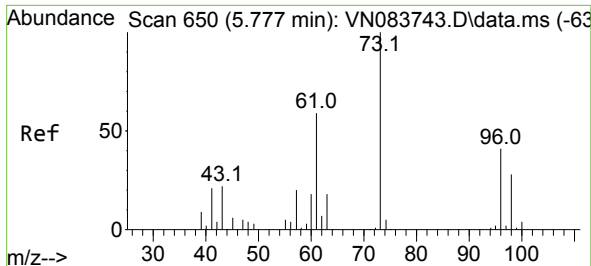
Tgt Ion: 73 Resp: 668351  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.0 25.6



#20  
Methylene Chloride  
Concen: 91.913 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 84 Resp: 203805  
Ion Ratio Lower Upper  
84 100  
49 126.7 93.4 140.0  
51 38.1 29.2 43.8  
86 64.6 46.9 70.3

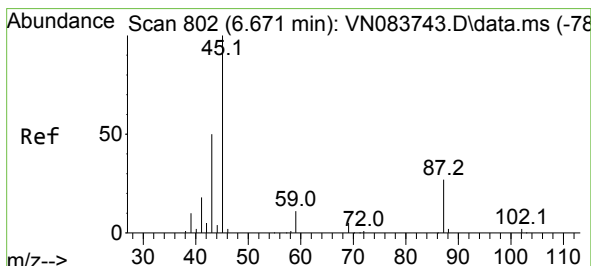
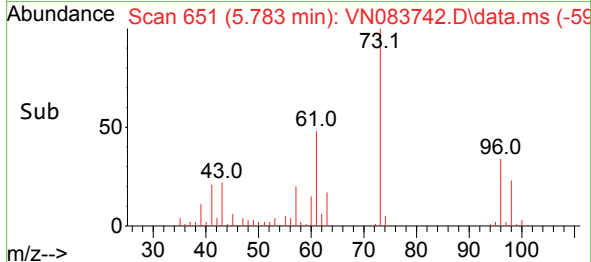
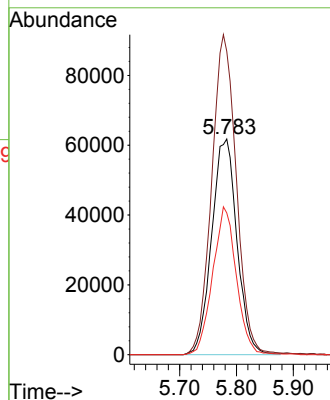
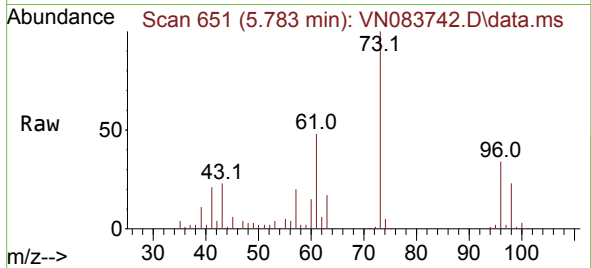




#21  
trans-1,2-Dichloroethene  
Concen: 91.967 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

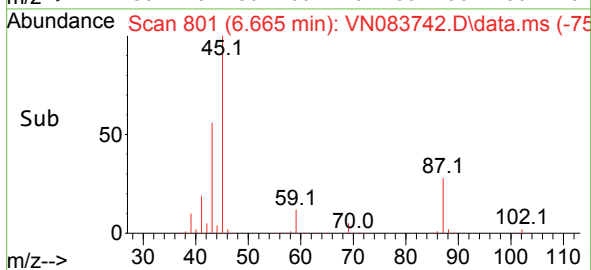
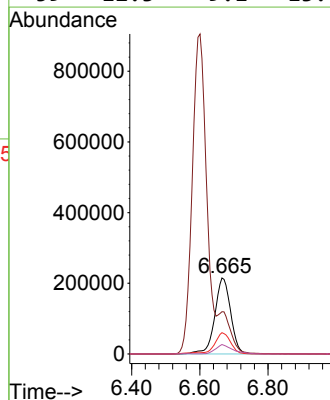
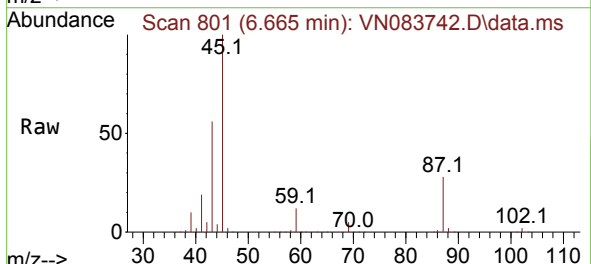
Instrument :  
MSVOA\_N  
ClientSampleId :

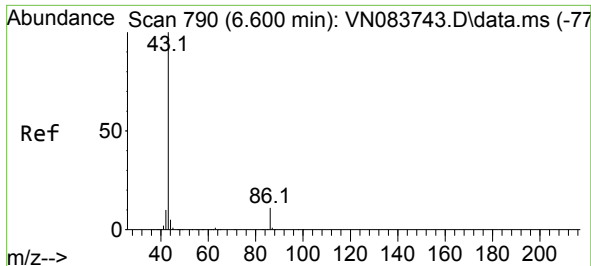
Tgt Ion: 96 Resp: 191098  
Ion Ratio Lower Upper  
96 100  
61 140.6 106.0 159.0  
98 65.7 52.2 78.2



#22  
Diisopropyl ether  
Concen: 97.608 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 45 Resp: 694175  
Ion Ratio Lower Upper  
45 100  
43 55.4 43.4 65.0  
87 28.0 22.6 33.8  
59 12.3 9.1 13.7

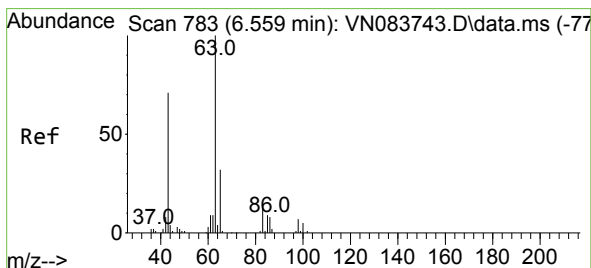
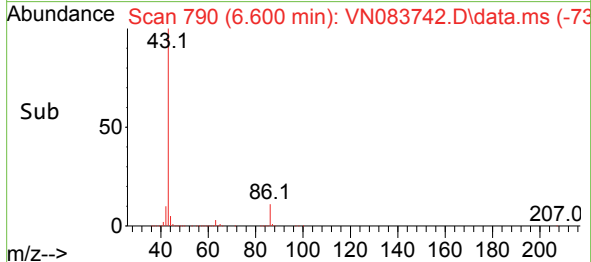
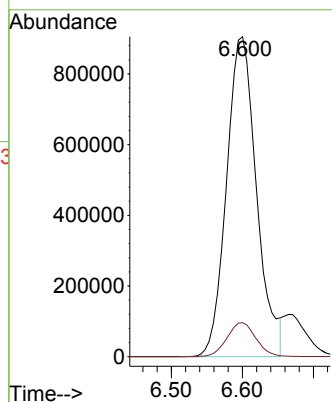
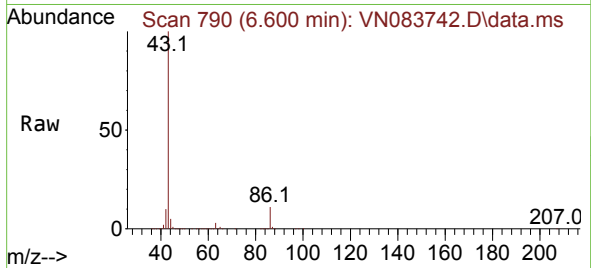




#23  
 Vinyl Acetate  
 Concen: 511.076 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN083742.D  
 Acq: 10 Sep 2024 09:08

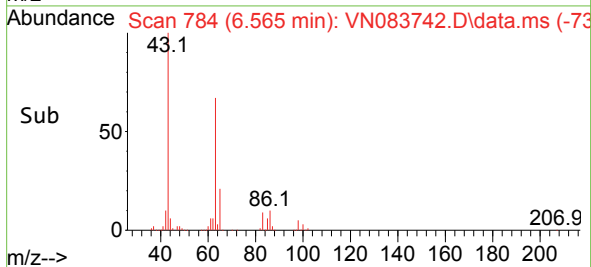
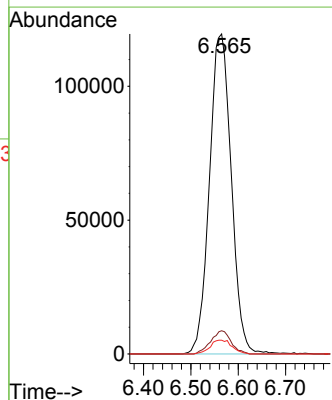
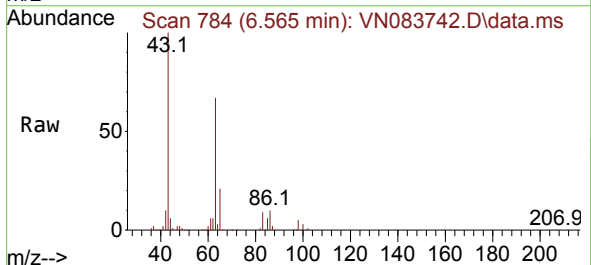
Instrument :  
 MSVOA\_N  
 ClientSampleId :

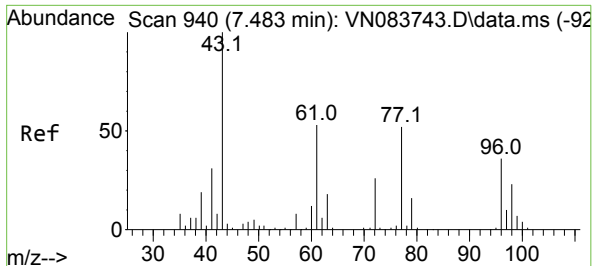
Tgt Ion: 43 Resp: 2661752  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.7 13.1



#24  
 1,1-Dichloroethane  
 Concen: 93.539 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.006 min  
 Lab File: VN083742.D  
 Acq: 10 Sep 2024 09:08

Tgt Ion: 63 Resp: 383257  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.5 10.4  
 100 4.3 2.5 7.5

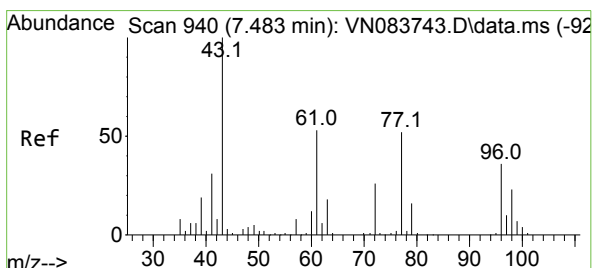
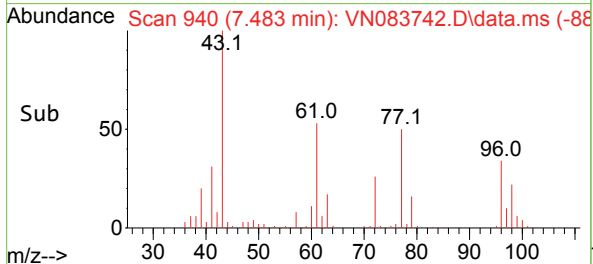
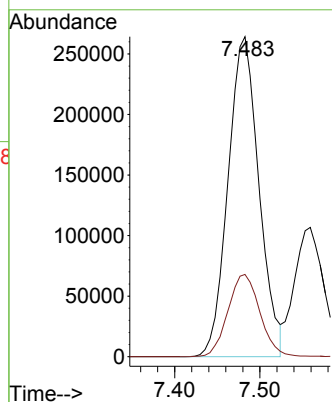
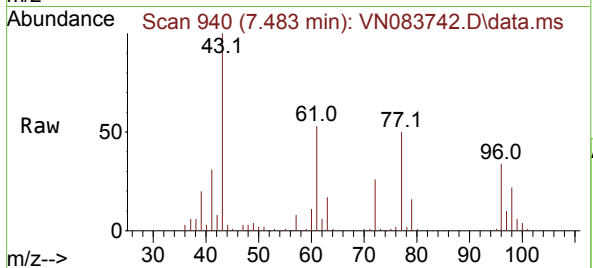




#25  
2-Butanone  
Concen: 468.347 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

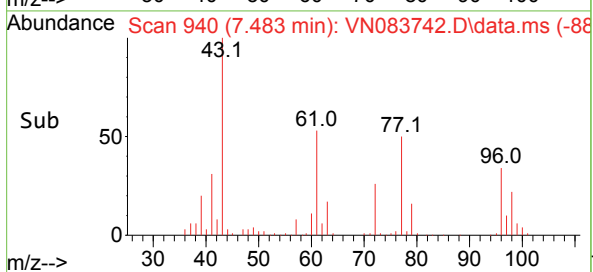
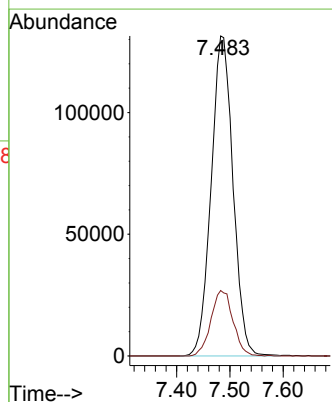
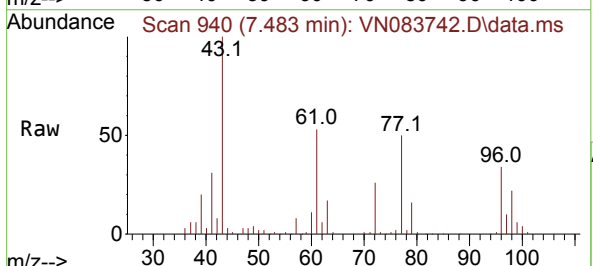
Instrument :  
MSVOA\_N  
ClientSampleId :

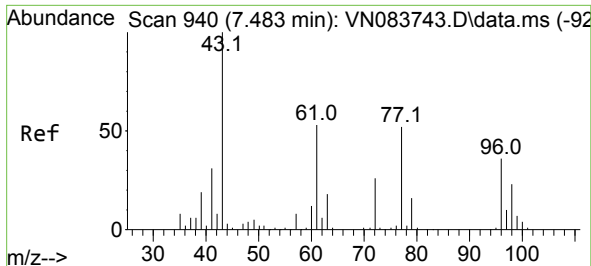
Tgt Ion: 43 Resp: 667006  
Ion Ratio Lower Upper  
43 100  
72 25.7 20.8 31.2



#26  
2,2-Dichloropropane  
Concen: 99.301 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 77 Resp: 374693  
Ion Ratio Lower Upper  
77 100  
97 20.6 10.2 30.4



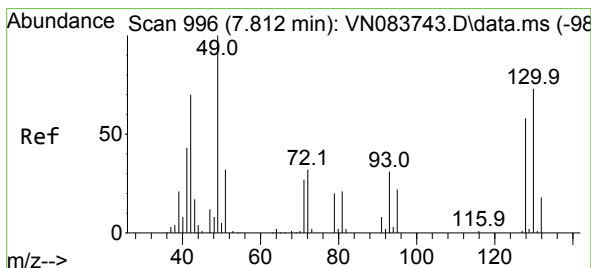
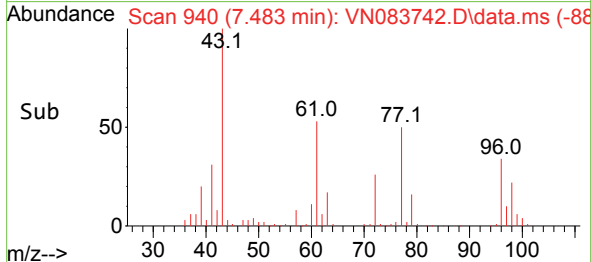
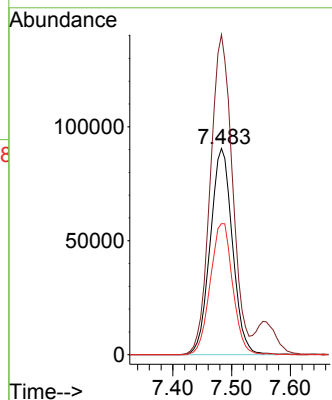
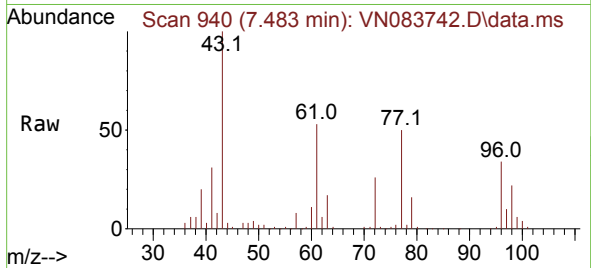


#27  
 cis-1,2-Dichloroethene  
 Concen: 96.450 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. -0.000 min  
 Lab File: VN083742.D  
 Acq: 10 Sep 2024 09:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 96 Resp: 237908  

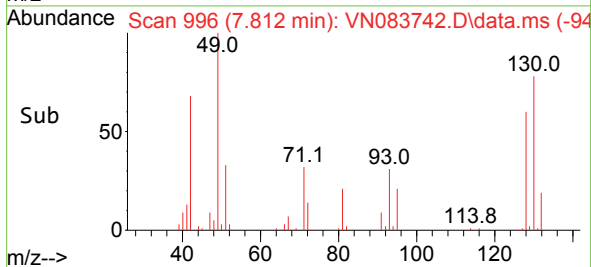
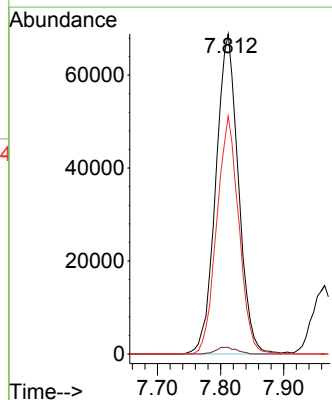
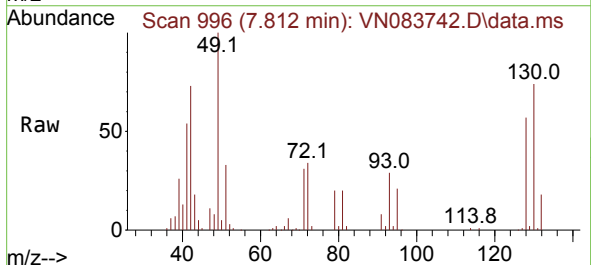
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 153.6 | 0.0   | 306.2 |
| 98  | 64.0  | 0.0   | 128.6 |

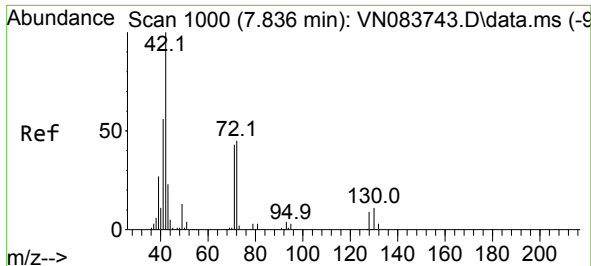


#28  
 Bromochloromethane  
 Concen: 99.126 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.000 min  
 Lab File: VN083742.D  
 Acq: 10 Sep 2024 09:08

Tgt Ion: 49 Resp: 171038  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.9   | 0.0   | 3.4   |
| 130 | 72.6  | 60.2  | 90.2  |





#29

Tetrahydrofuran

Concen: 473.660 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

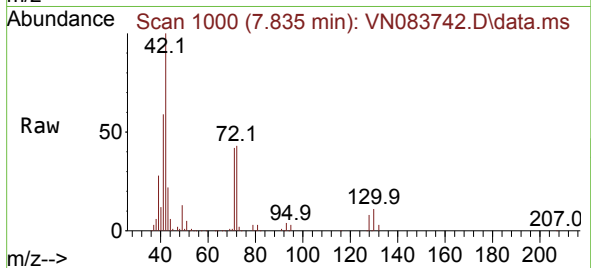
Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

ClientSampleId :



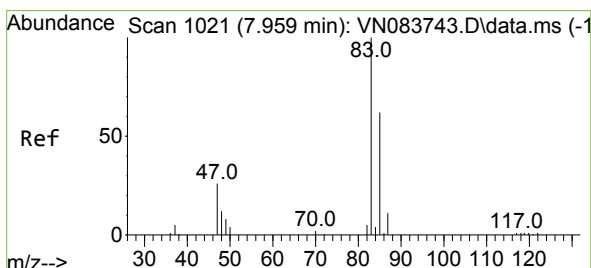
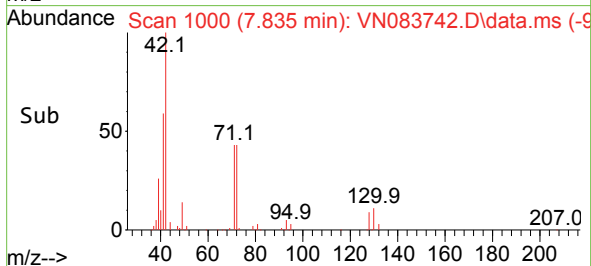
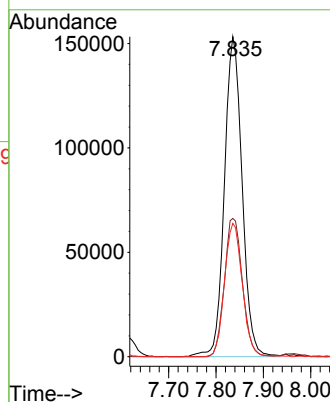
Tgt Ion: 42 Resp: 398869

Ion Ratio Lower Upper

42 100

72 43.9 35.9 53.9

71 41.8 33.9 50.9



#30

Chloroform

Concen: 94.390 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN083742.D

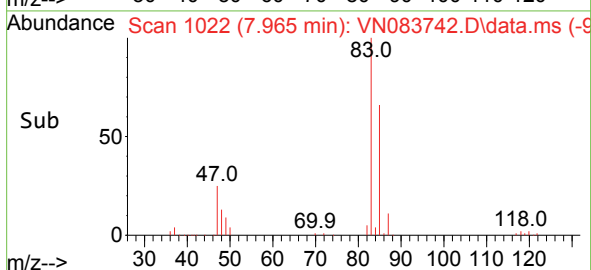
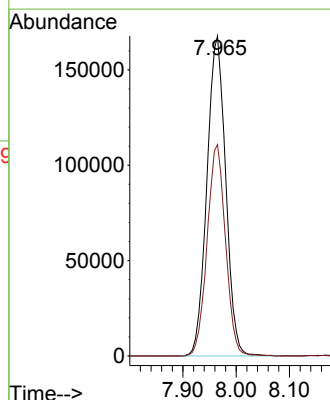
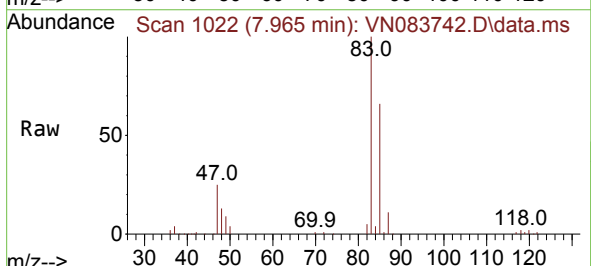
Acq: 10 Sep 2024 09:08

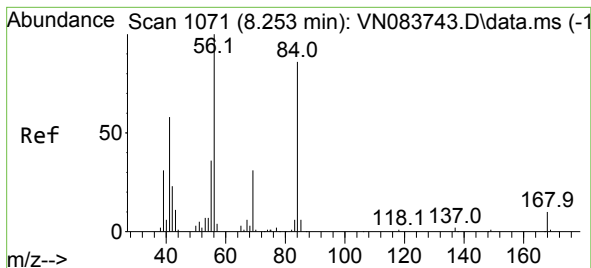
Tgt Ion: 83 Resp: 410584

Ion Ratio Lower Upper

83 100

85 66.0 52.8 79.2





#31

Cyclohexane

Concen: 88.574 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

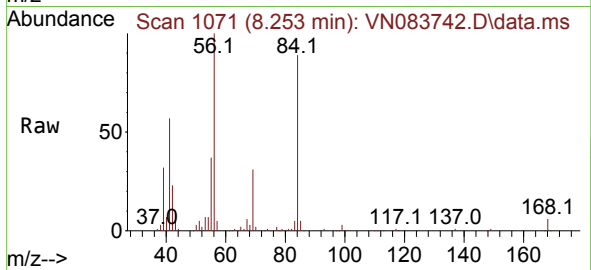
Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

ClientSampleId :



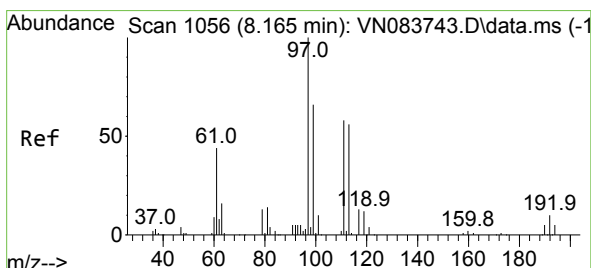
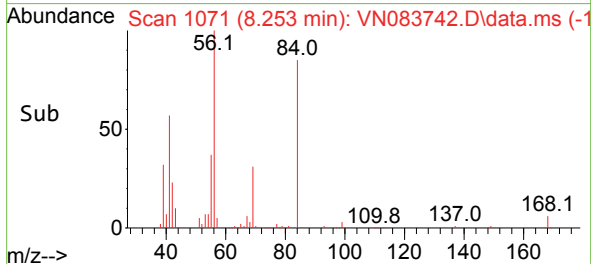
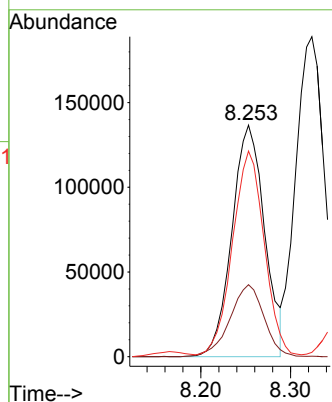
Tgt Ion: 56 Resp: 346019

Ion Ratio Lower Upper

56 100

69 31.1 26.9 40.3

84 87.1 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 95.240 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

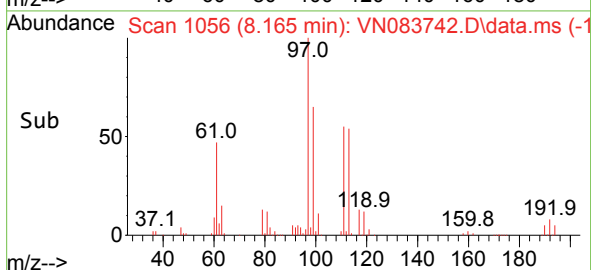
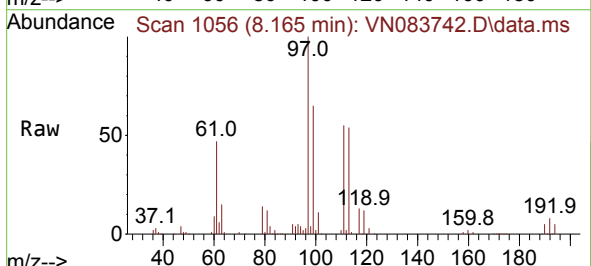
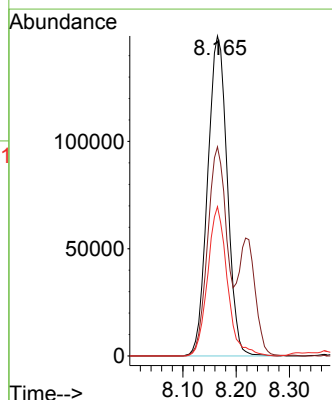
Tgt Ion: 97 Resp: 380933

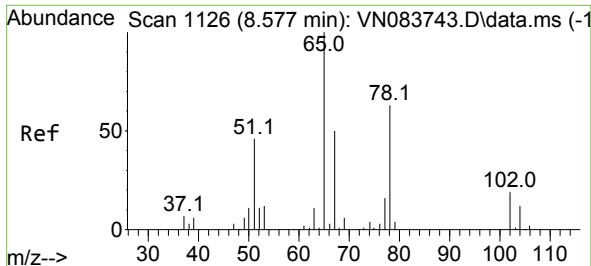
Ion Ratio Lower Upper

97 100

99 64.1 52.3 78.5

61 46.9 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 98.775 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

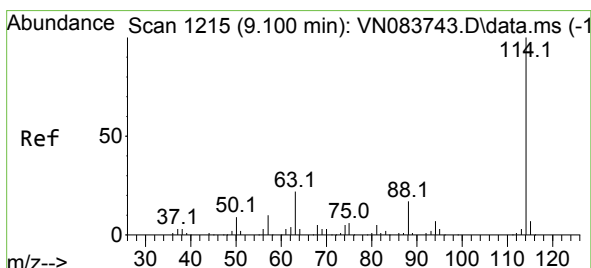
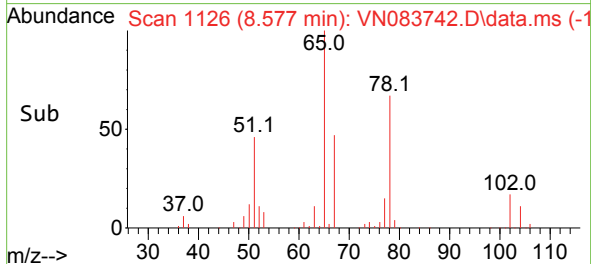
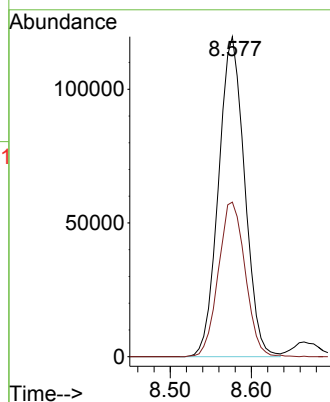
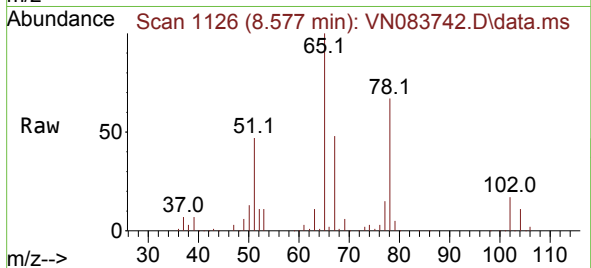
ClientSampleId :

Tgt Ion: 65 Resp: 266987

Ion Ratio Lower Upper

65 100

67 49.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

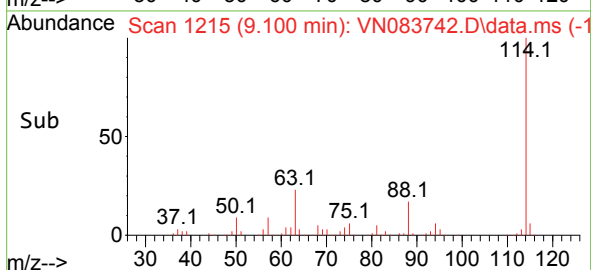
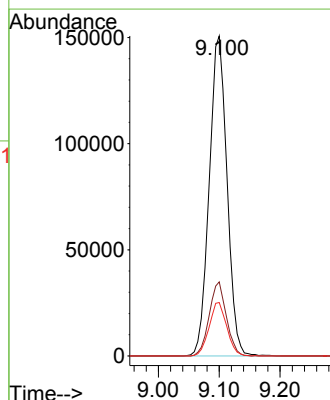
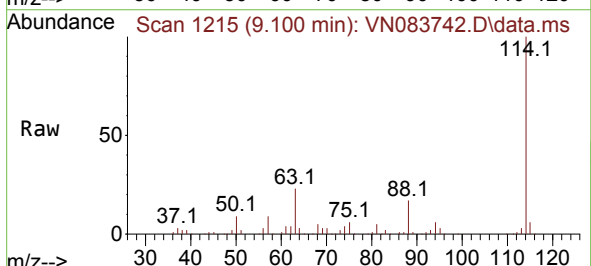
Tgt Ion: 114 Resp: 305334

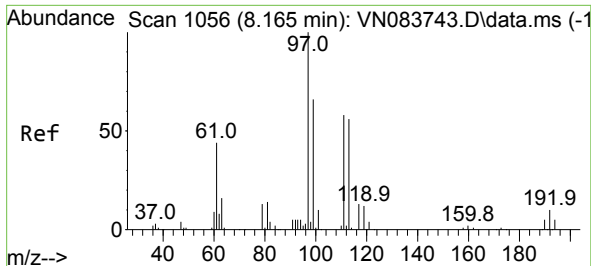
Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

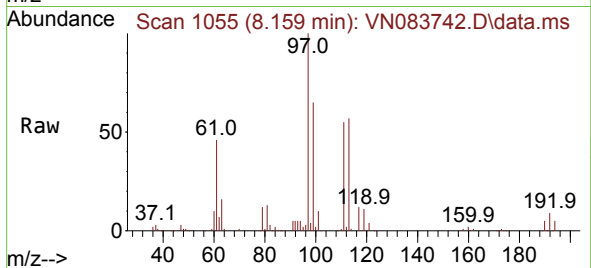
88 16.7 0.0 32.6



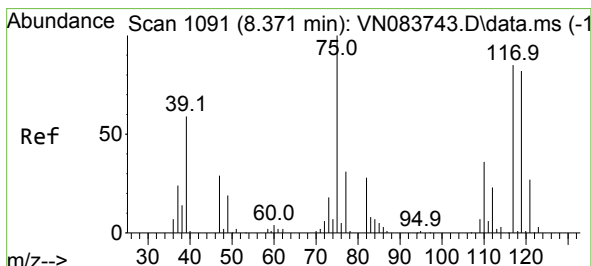
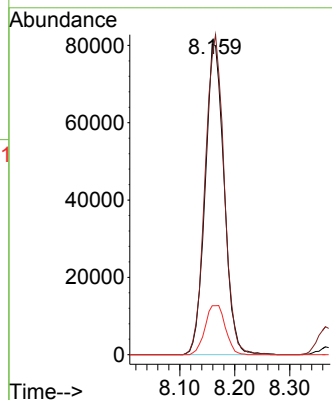
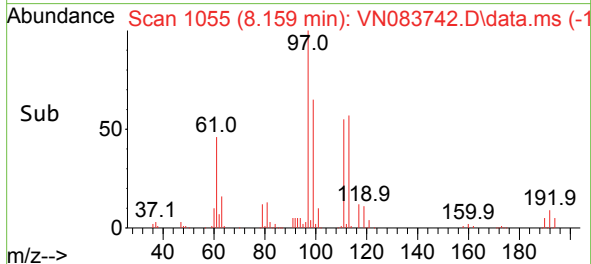


#35  
Dibromofluoromethane  
Concen: 98.687 ug/l  
RT: 8.159 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

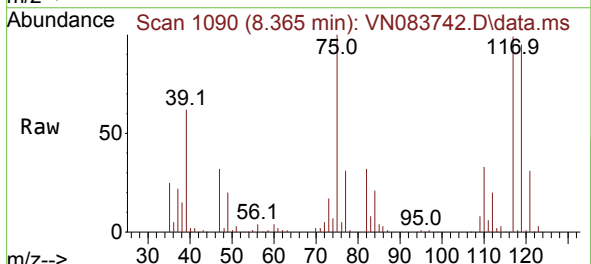
Instrument :  
MSVOA\_N  
ClientSampleId :



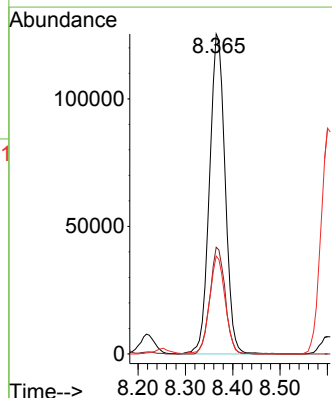
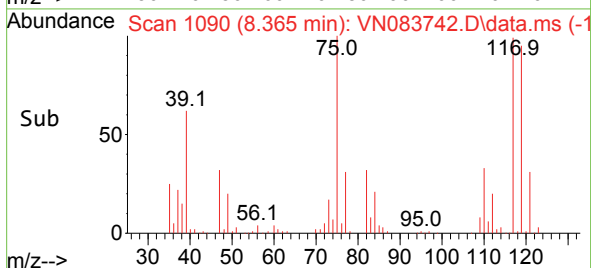
Tgt Ion:113 Resp: 192905  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.6 124.0  
192 16.9 14.3 21.5

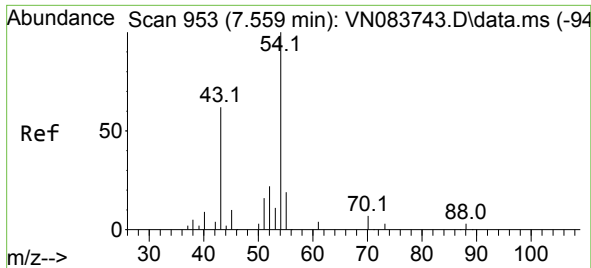


#36  
1,1-Dichloropropene  
Concen: 97.756 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08



Tgt Ion: 75 Resp: 287609  
Ion Ratio Lower Upper  
75 100  
110 32.7 16.7 50.1  
77 30.8 25.2 37.8

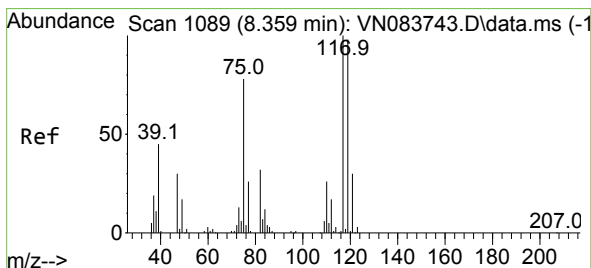
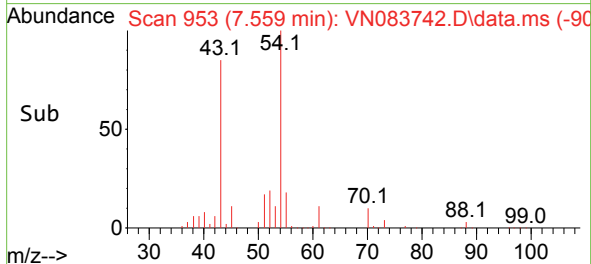
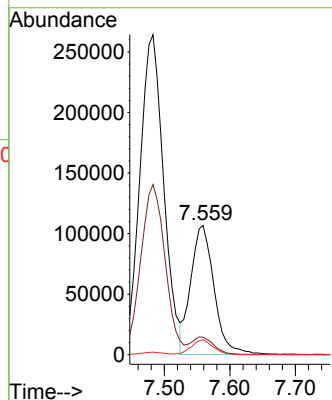
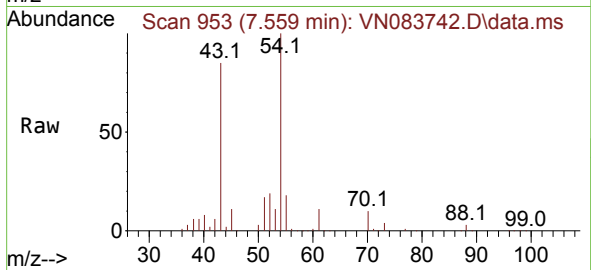




#37  
Ethyl Acetate  
Concen: 98.714 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

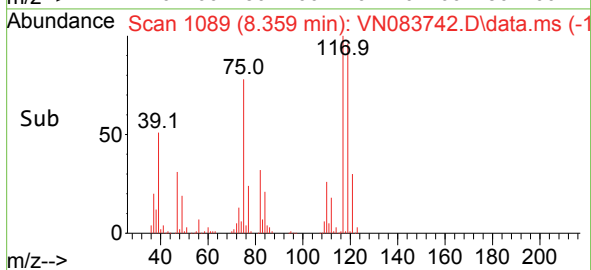
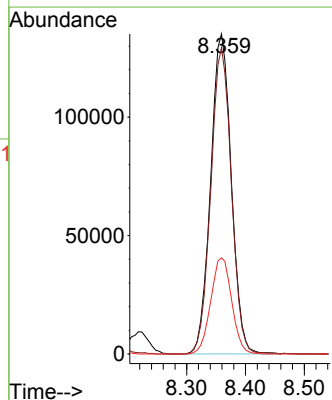
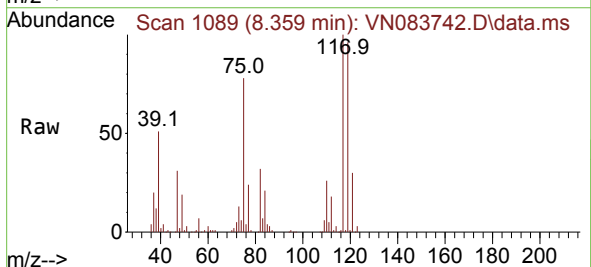
Instrument :  
MSVOA\_N  
ClientSampleId :

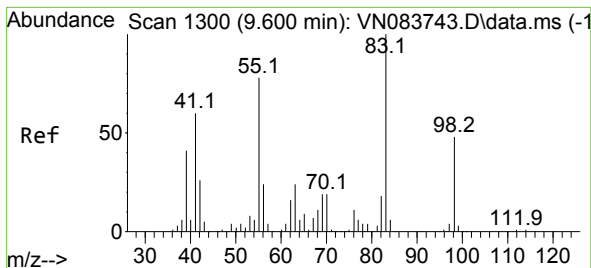
Tgt Ion: 43 Resp: 263623  
Ion Ratio Lower Upper  
43 100  
61 12.8 11.1 16.7  
70 10.8 8.8 13.2



#38  
Carbon Tetrachloride  
Concen: 99.004 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 117 Resp: 330457  
Ion Ratio Lower Upper  
117 100  
119 95.8 76.1 114.1  
121 30.0 24.1 36.1





#39

Methylcyclohexane

Concen: 103.576 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

ClientSampleId :

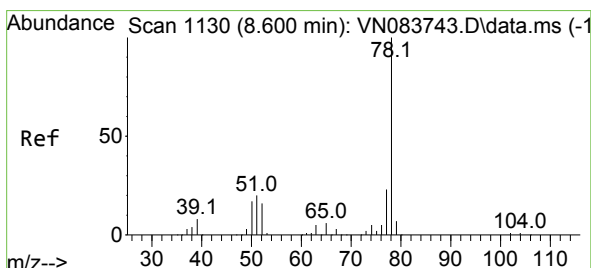
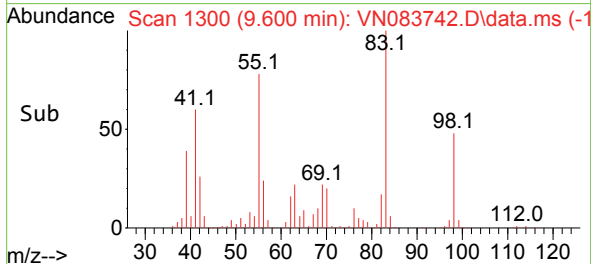
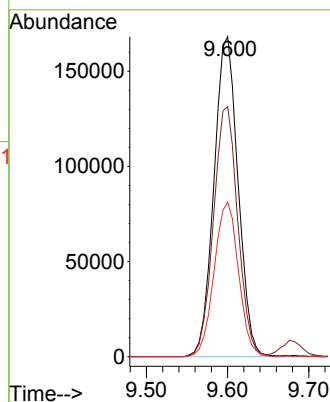
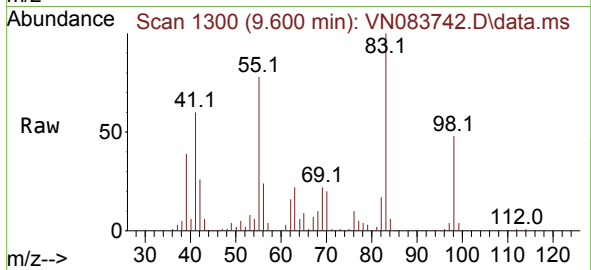
Tgt Ion: 83 Resp: 346860

Ion Ratio Lower Upper

83 100

55 78.1 62.2 93.4

98 48.3 37.6 56.4



#40

Benzene

Concen: 96.512 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083742.D

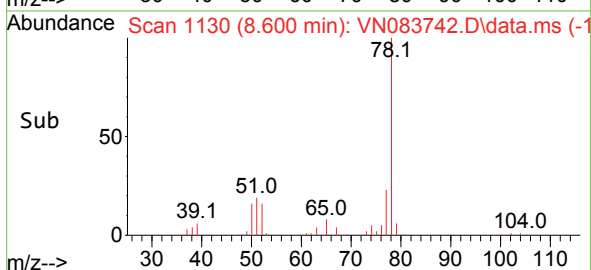
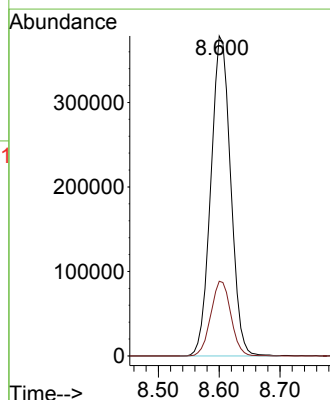
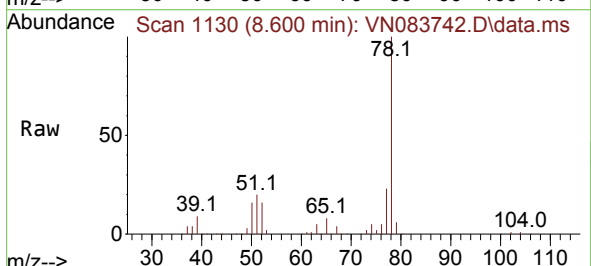
Acq: 10 Sep 2024 09:08

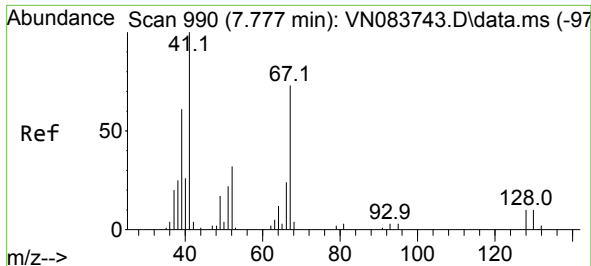
Tgt Ion: 78 Resp: 854656

Ion Ratio Lower Upper

78 100

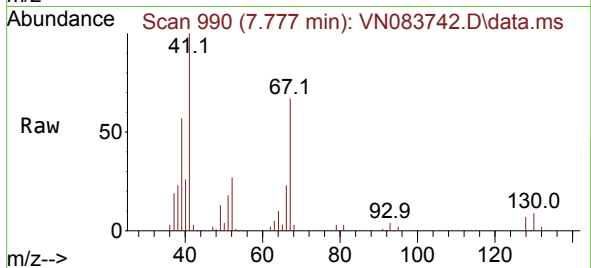
77 23.4 19.0 28.6



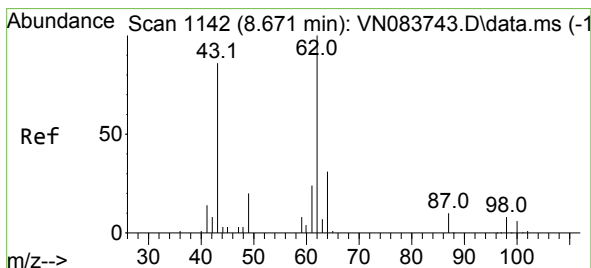
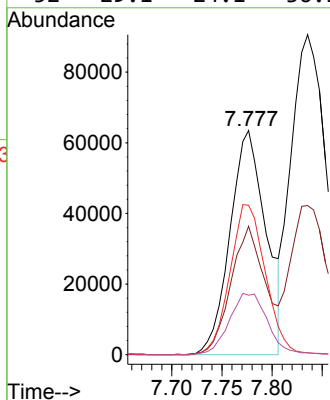
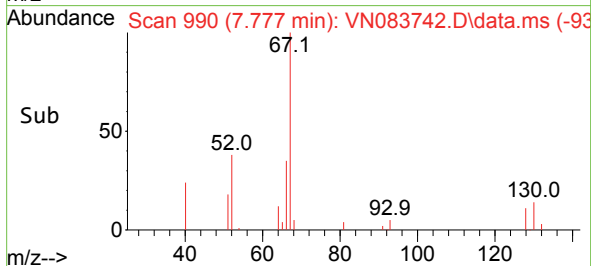


#41  
Methacrylonitrile  
Concen: 100.410 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Instrument :  
MSVOA\_N  
ClientSampleId :

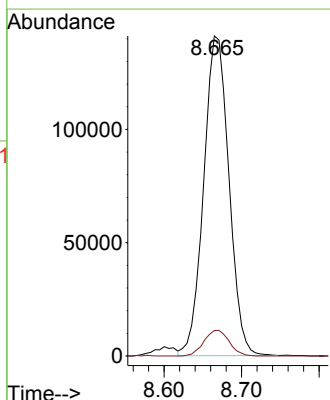
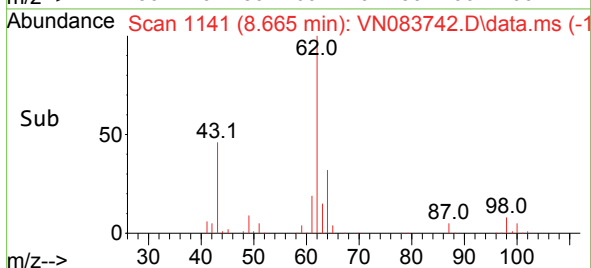
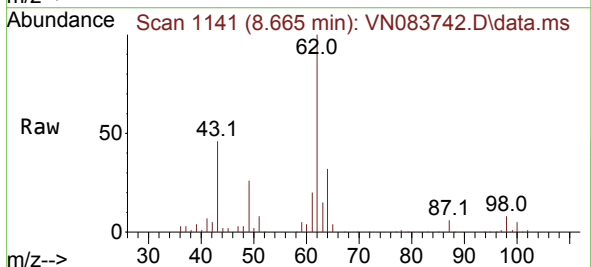


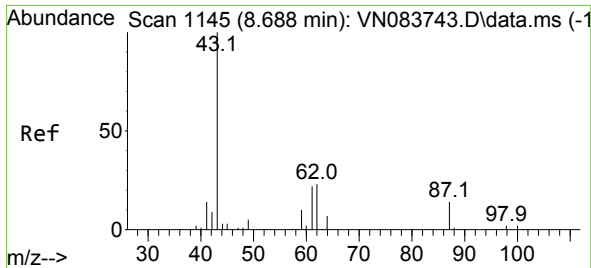
Tgt Ion: 41 Resp: 158600  
Ion Ratio Lower Upper  
41 100  
39 55.2 45.4 68.2  
67 66.3 55.9 83.9  
52 29.1 24.1 36.1



#42  
1,2-Dichloroethane  
Concen: 96.572 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 62 Resp: 319551  
Ion Ratio Lower Upper  
62 100  
98 8.0 0.0 16.6

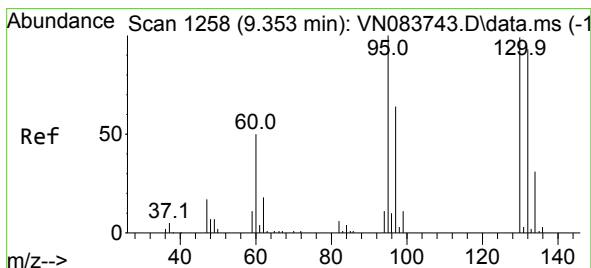
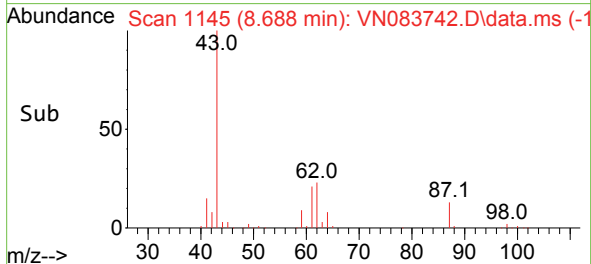
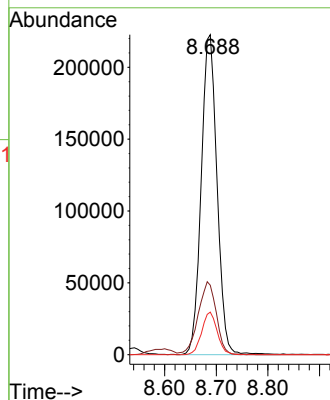
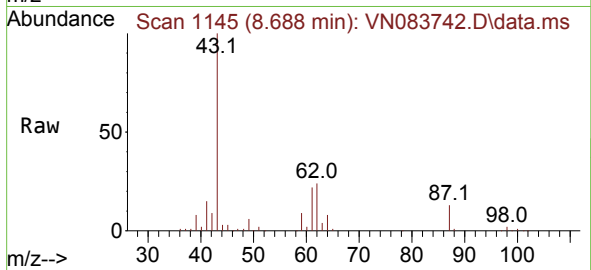




#43  
Isopropyl Acetate  
Concen: 97.780 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

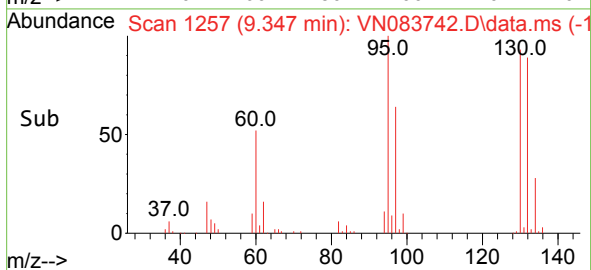
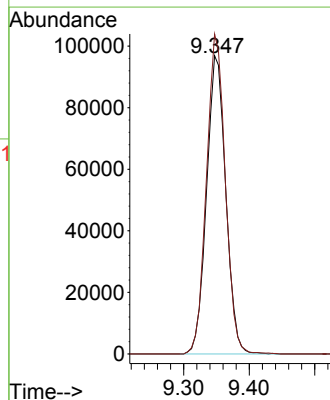
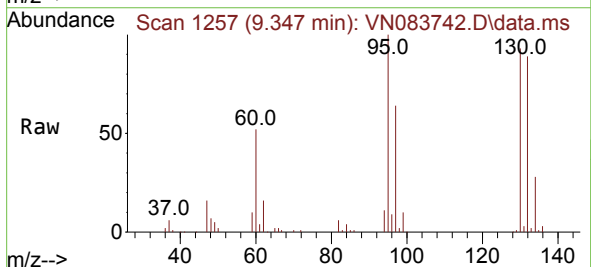
Instrument :  
MSVOA\_N  
ClientSampleId :

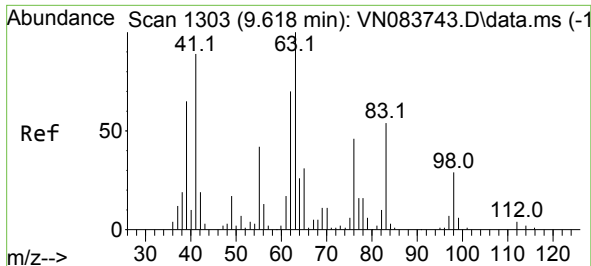
Tgt Ion: 43 Resp: 473198  
Ion Ratio Lower Upper  
43 100  
61 26.1 19.4 29.0  
87 13.0 9.8 14.6



#44  
Trichloroethene  
Concen: 96.327 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion:130 Resp: 197536  
Ion Ratio Lower Upper  
130 100  
95 107.3 0.0 200.4





#45

1,2-Dichloropropane

Concen: 96.423 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

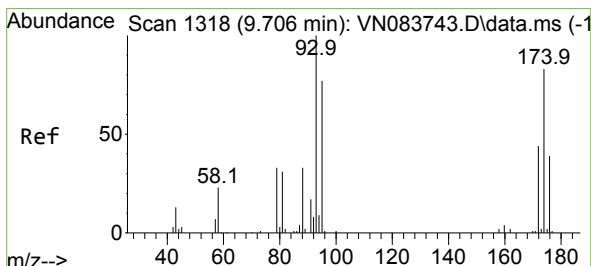
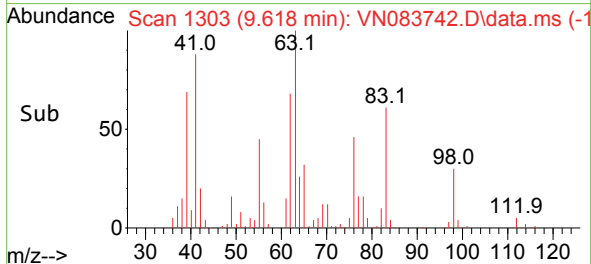
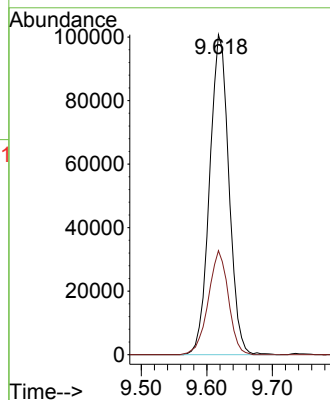
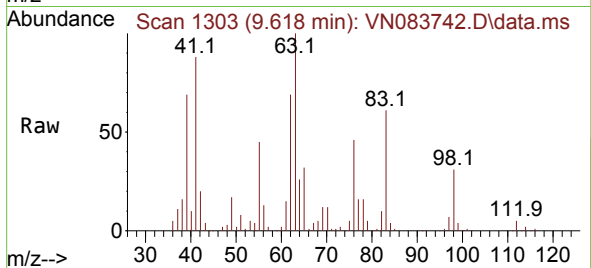
ClientSampleId :

Tgt Ion: 63 Resp: 206374

Ion Ratio Lower Upper

63 100

65 32.5 25.9 38.9



#46

Dibromomethane

Concen: 98.695 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

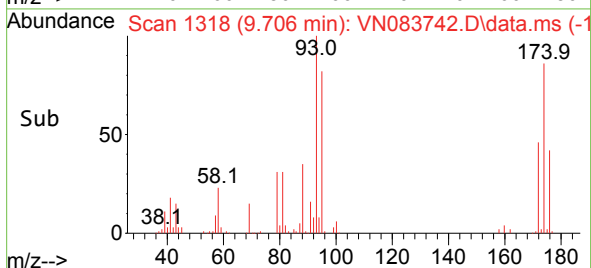
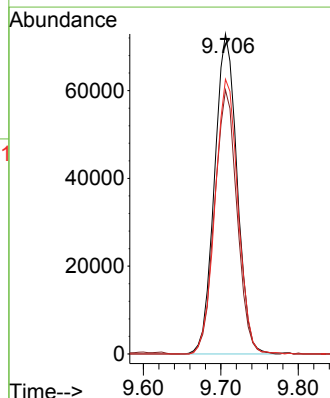
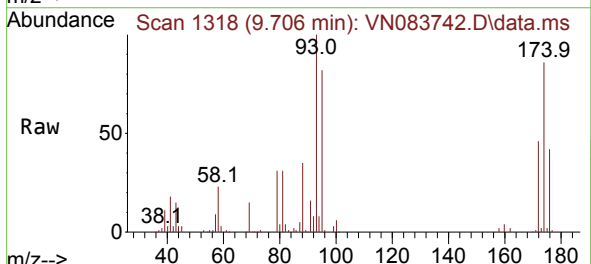
Tgt Ion: 93 Resp: 147957

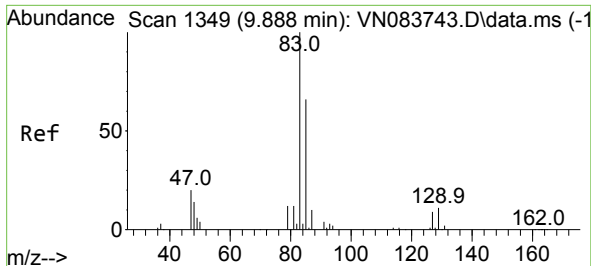
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 87.2 71.0 106.4





#47

Bromodichloromethane

Concen: 100.891 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

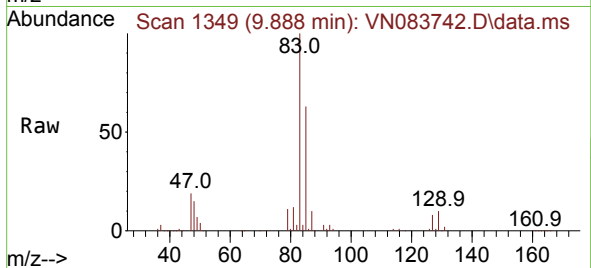
Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

ClientSampleId :



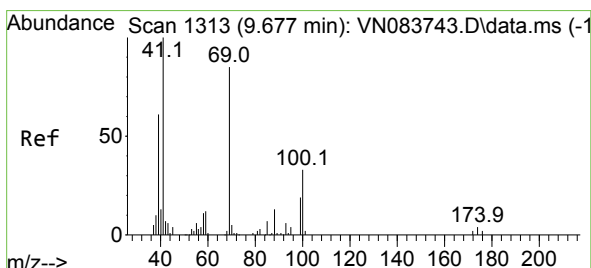
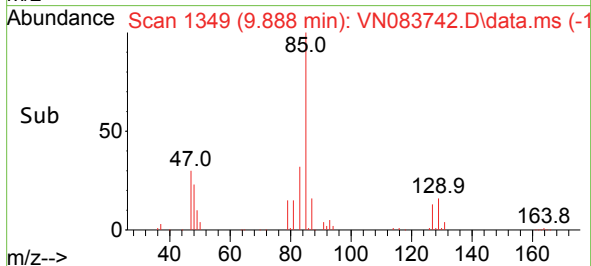
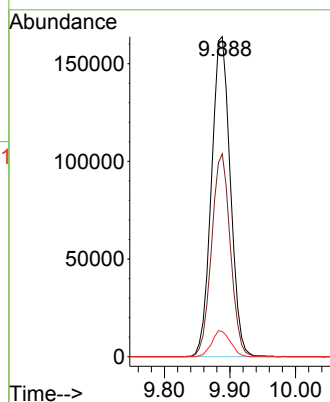
Tgt Ion: 83 Resp: 327336

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.8

127 7.9 6.6 9.8



#48

Methyl methacrylate

Concen: 98.898 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

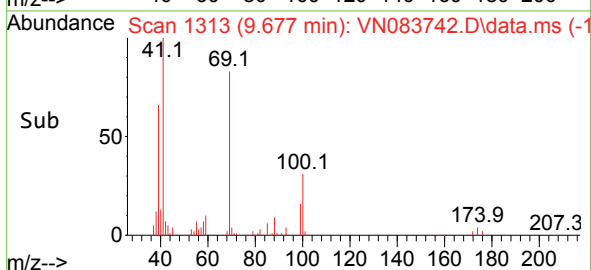
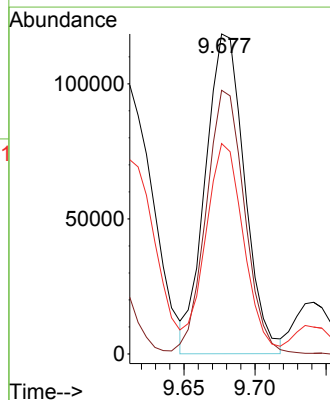
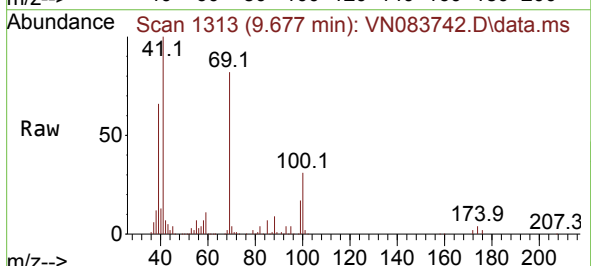
Tgt Ion: 41 Resp: 227071

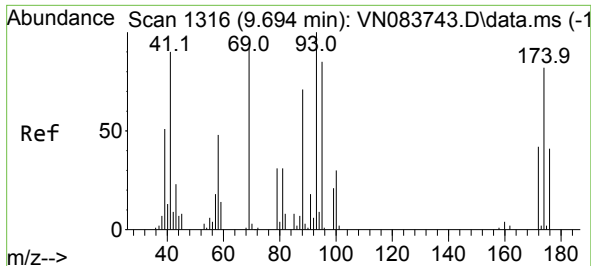
Ion Ratio Lower Upper

41 100

69 81.1 64.3 96.5

39 64.3 48.9 73.3





#49

1,4-Dioxane

Concen: 1811.632 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

ClientSampleId :

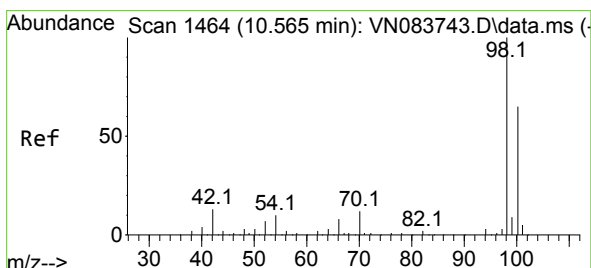
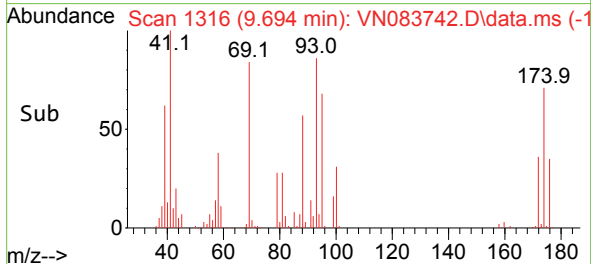
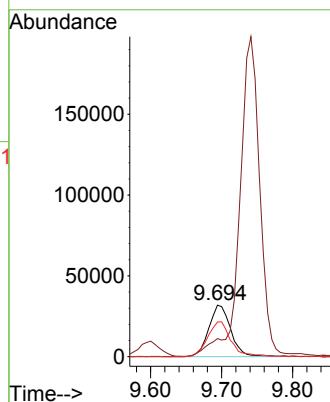
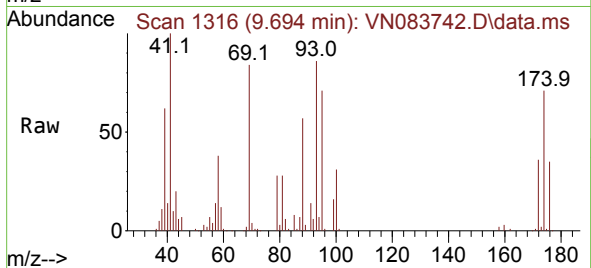
Tgt Ion: 88 Resp: 68427

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.3 57.1 85.7



#50

Toluene-d8

Concen: 105.896 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083742.D

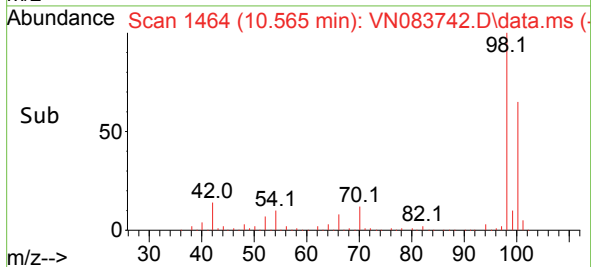
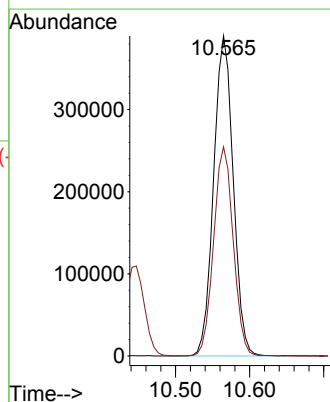
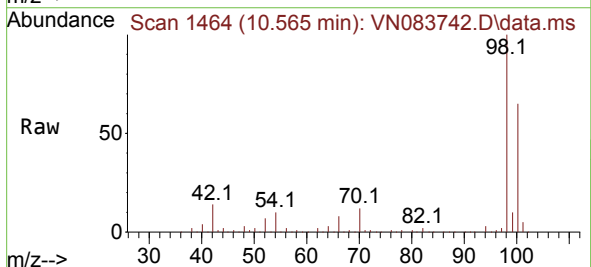
Acq: 10 Sep 2024 09:08

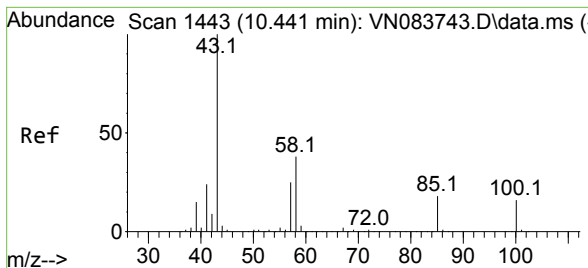
Tgt Ion: 98 Resp: 715598

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

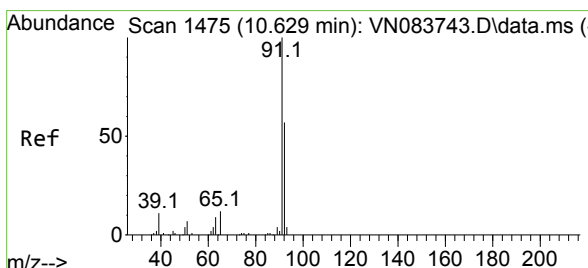
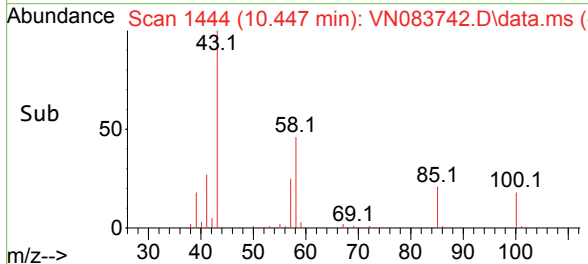
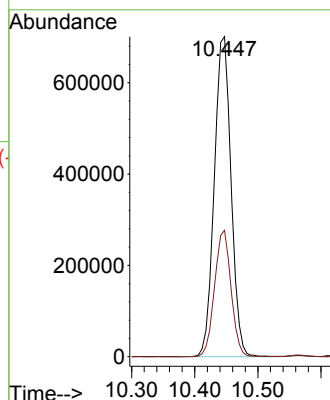
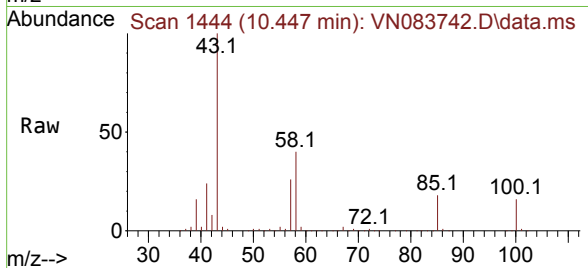




#51  
4-Methyl-2-Pentanone  
Concen: 491.701 ug/l  
RT: 10.447 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

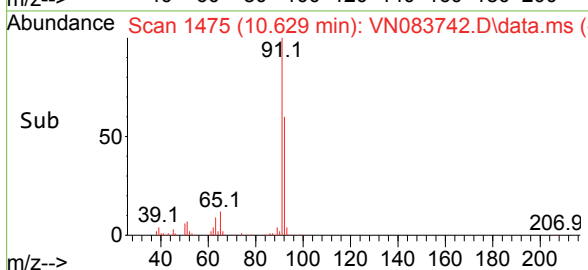
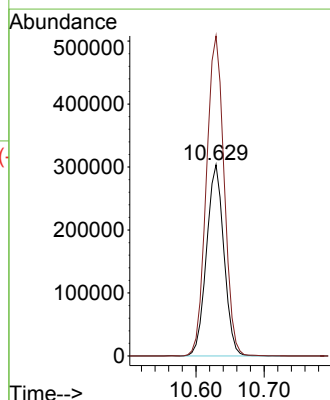
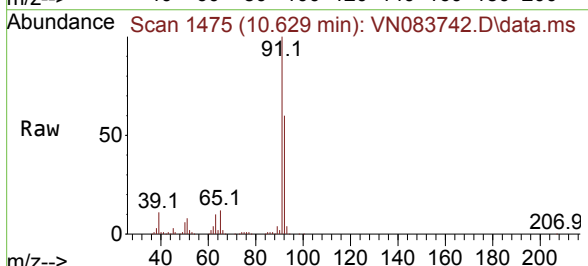
Instrument :  
MSVOA\_N  
ClientSampleId :

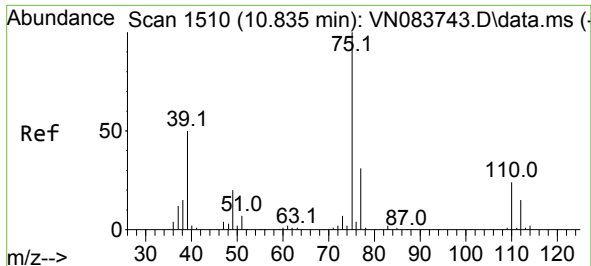
Tgt Ion: 43 Resp: 1295313  
Ion Ratio Lower Upper  
43 100  
58 38.8 31.6 47.4



#52  
Toluene  
Concen: 99.513 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 92 Resp: 539024  
Ion Ratio Lower Upper  
92 100  
91 171.1 134.7 202.1

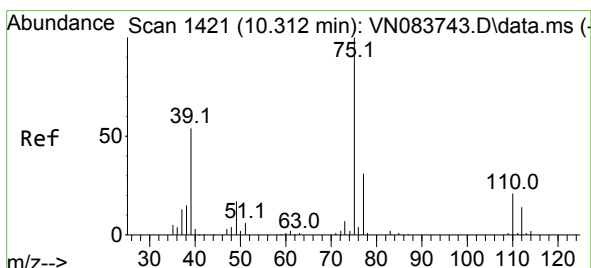
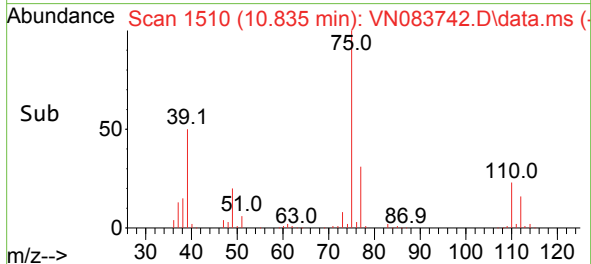
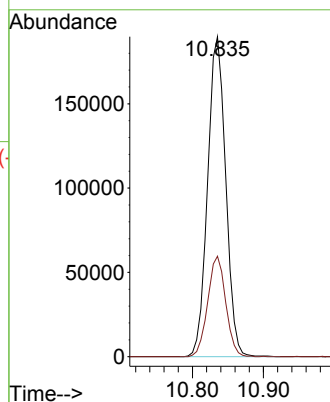
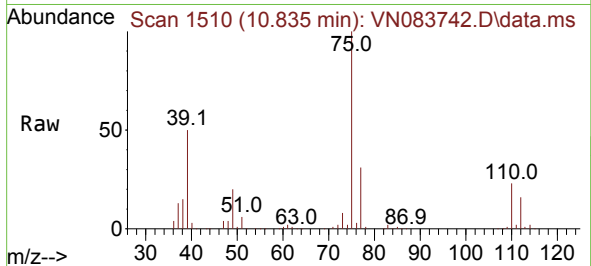




#53  
 t-1,3-Dichloropropene  
 Concen: 102.158 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. -0.000 min  
 Lab File: VN083742.D  
 Acq: 10 Sep 2024 09:08

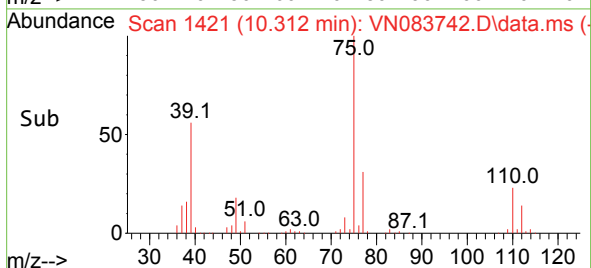
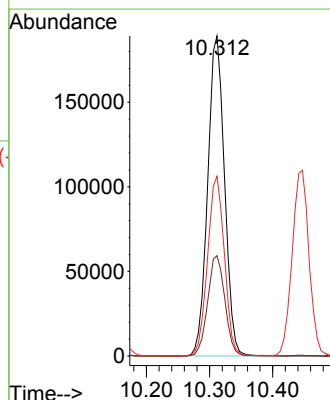
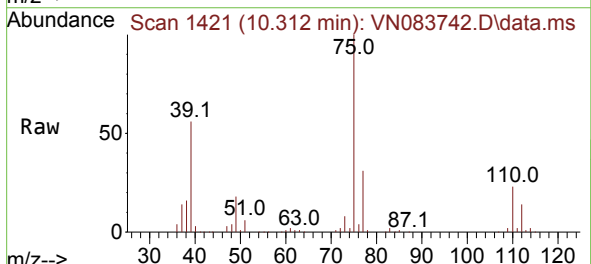
Instrument :  
 MSVOA\_N  
 ClientSampleId :

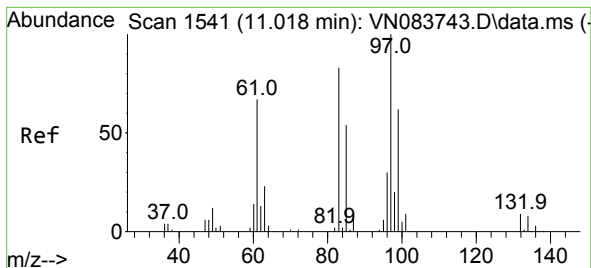
Tgt Ion: 75 Resp: 335958  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.8 38.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 101.521 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.000 min  
 Lab File: VN083742.D  
 Acq: 10 Sep 2024 09:08

Tgt Ion: 75 Resp: 350699  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.0 37.6  
 39 56.2 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 94.997 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

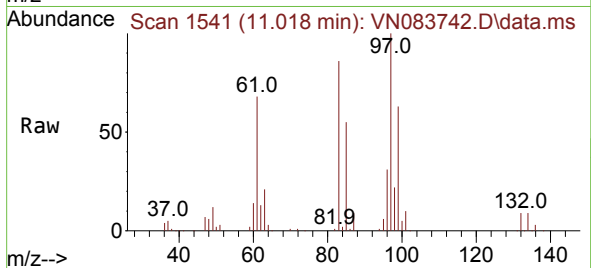
Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 192101

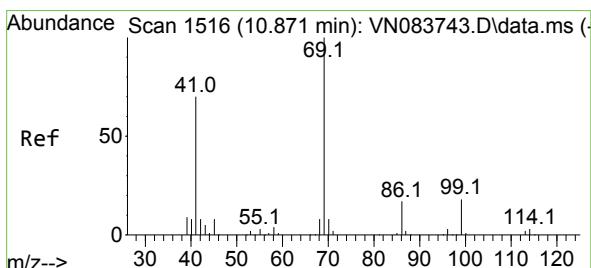
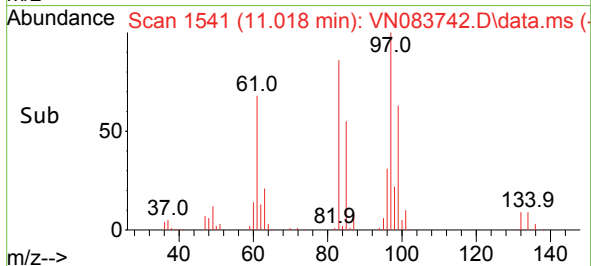
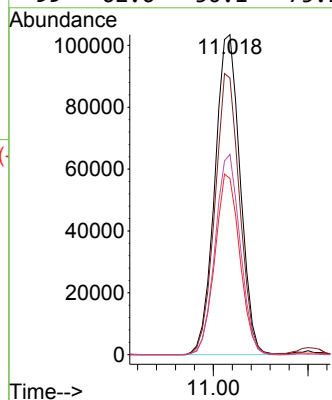
Ion Ratio Lower Upper

97 100

83 86.5 67.5 101.3

85 55.1 44.2 66.2

99 62.6 50.1 75.1



#56

Ethyl methacrylate

Concen: 105.392 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

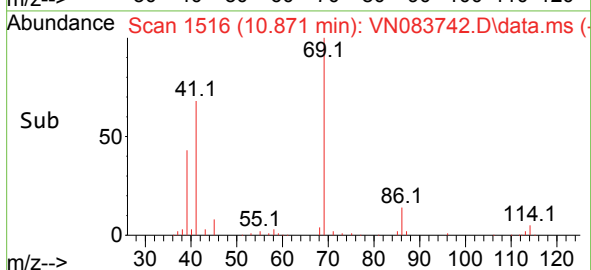
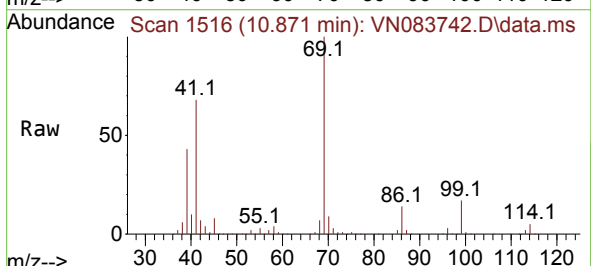
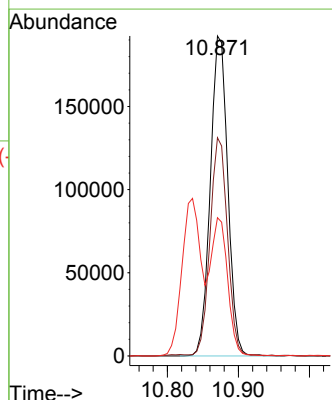
Tgt Ion: 69 Resp: 327895

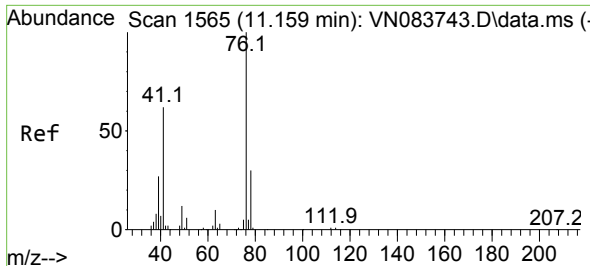
Ion Ratio Lower Upper

69 100

41 68.1 53.9 80.9

39 42.1 32.6 48.8





#57

1,3-Dichloropropane

Concen: 97.921 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

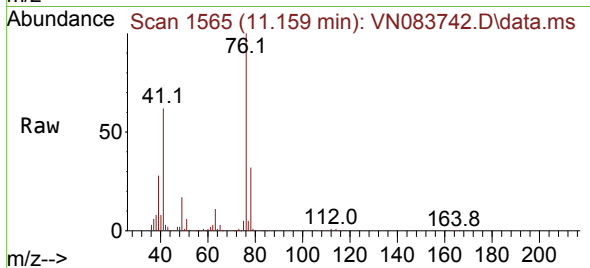
Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

ClientSampleId :

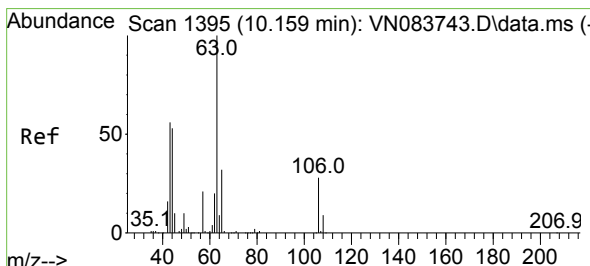
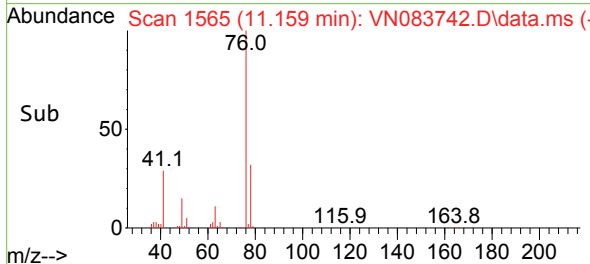
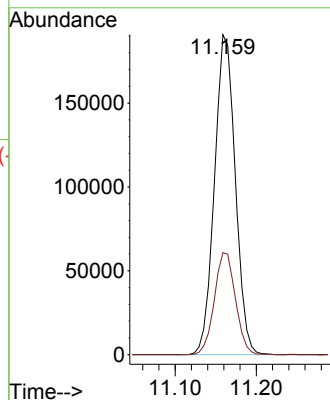


Tgt Ion: 76 Resp: 340321

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 666.516 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083742.D

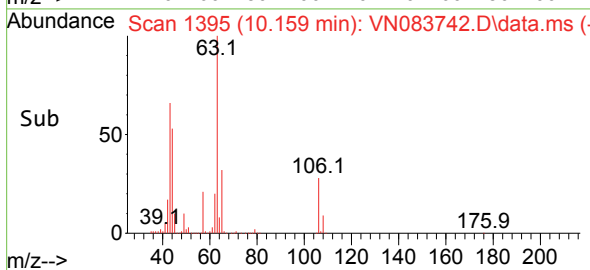
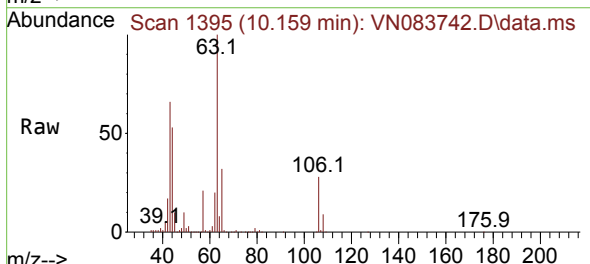
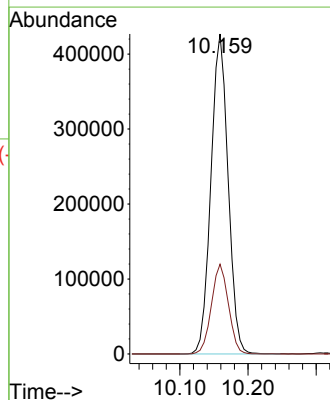
Acq: 10 Sep 2024 09:08

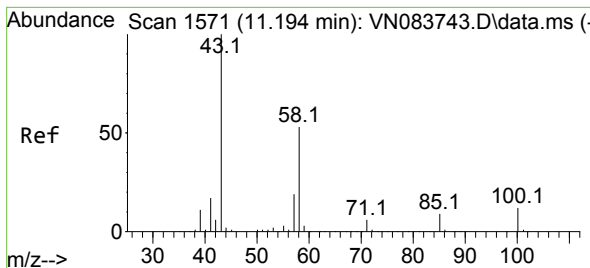
Tgt Ion: 63 Resp: 747188

Ion Ratio Lower Upper

63 100

106 27.7 23.3 34.9

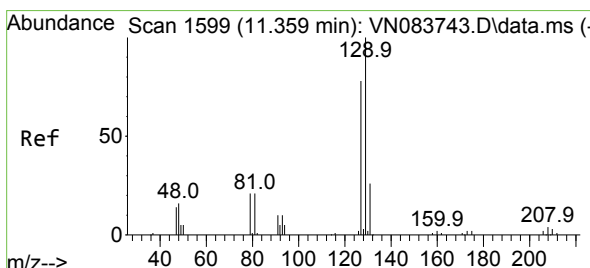
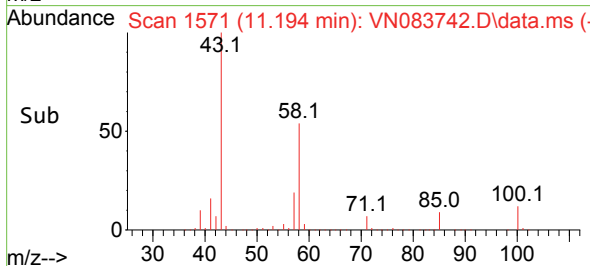
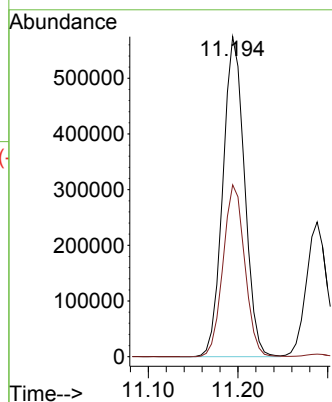
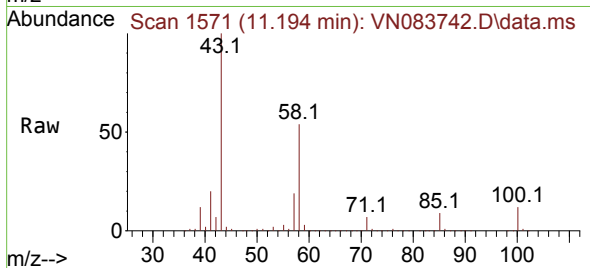




#59  
2-Hexanone  
Concen: 494.210 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

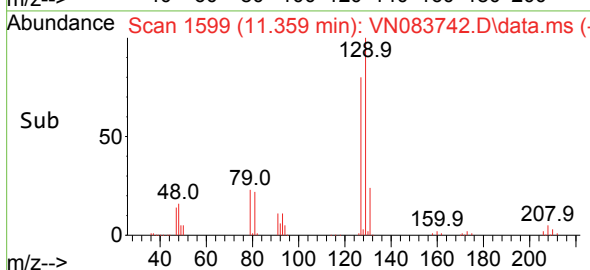
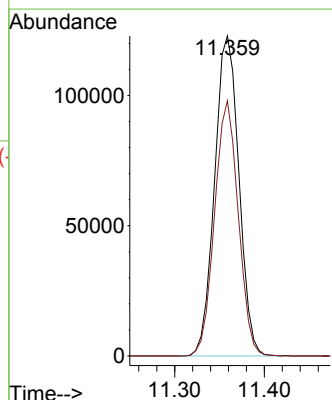
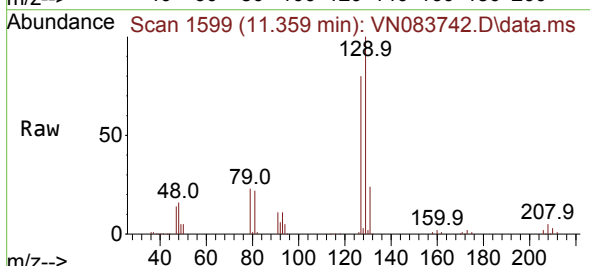
Instrument :  
MSVOA\_N  
ClientSampleId :

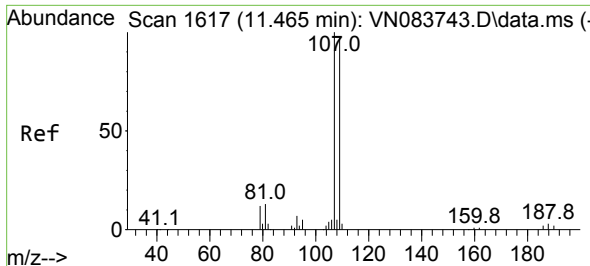
Tgt Ion: 43 Resp: 963063  
Ion Ratio Lower Upper  
43 100  
58 53.8 27.2 81.5



#60  
Dibromochloromethane  
Concen: 102.022 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 129 Resp: 230885  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.0 116.9

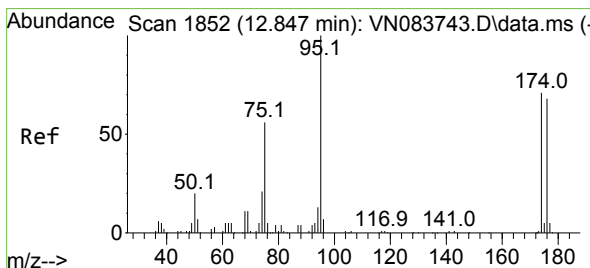
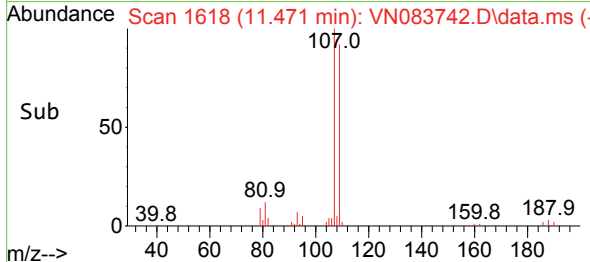
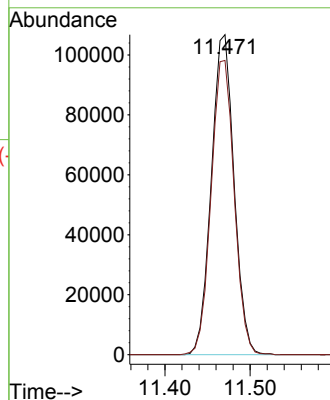
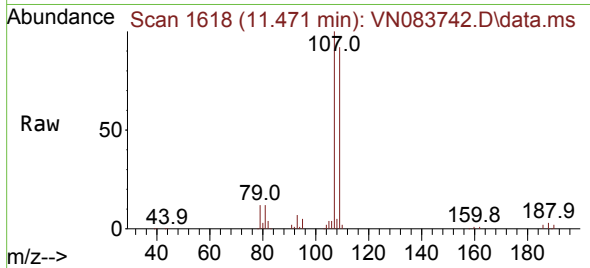




#61  
1,2-Dibromoethane  
Concen: 97.978 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. 0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

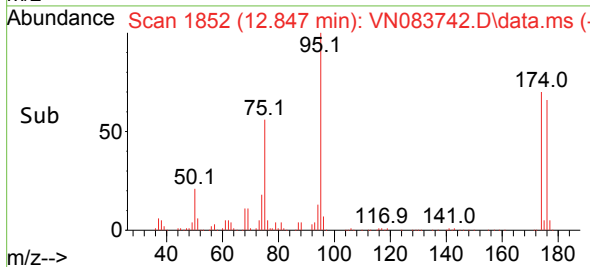
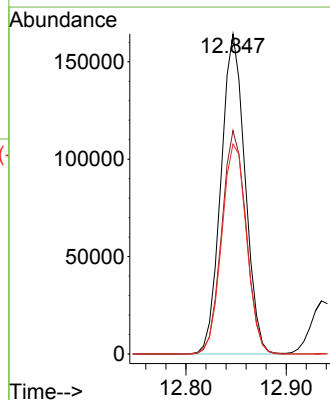
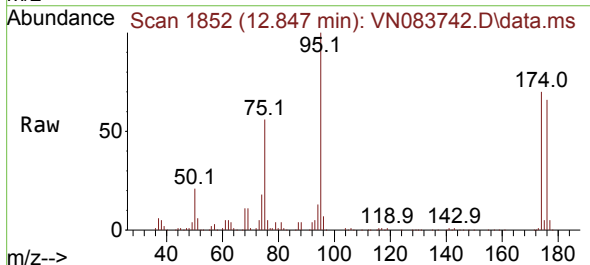
Instrument :  
MSVOA\_N  
ClientSampleId :

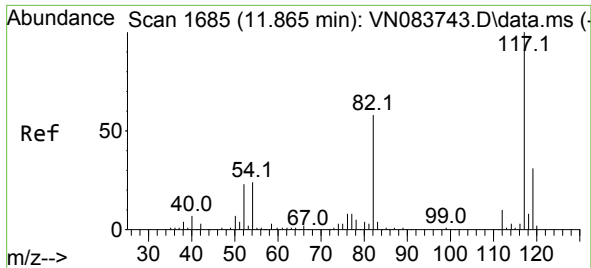
Tgt Ion:107 Resp: 197595  
Ion Ratio Lower Upper  
107 100  
109 93.2 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 98.025 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

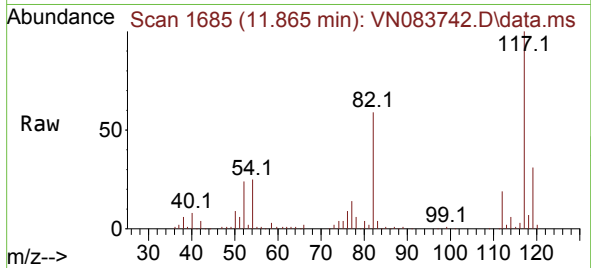
Tgt Ion: 95 Resp: 273293  
Ion Ratio Lower Upper  
95 100  
174 70.7 0.0 139.8  
176 67.9 0.0 131.4



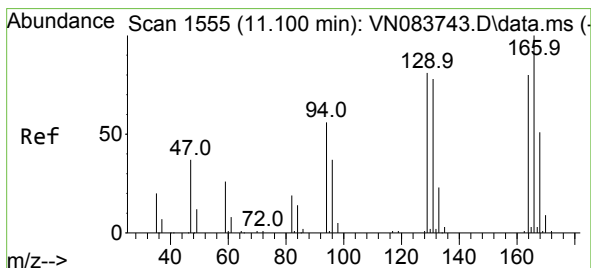
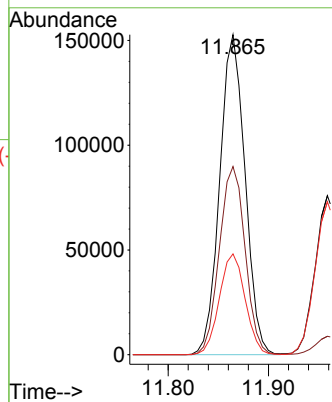
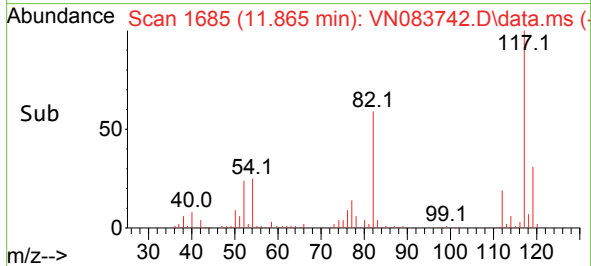


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

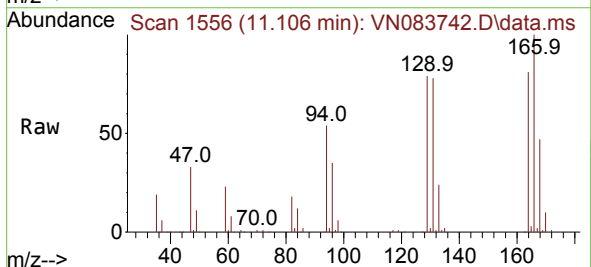
Instrument :  
MSVOA\_N  
ClientSampleId :



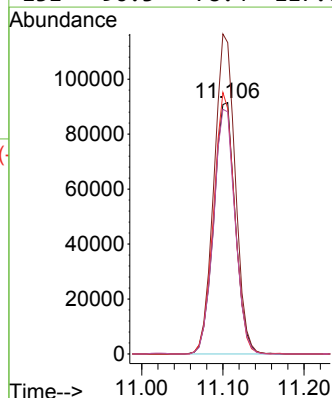
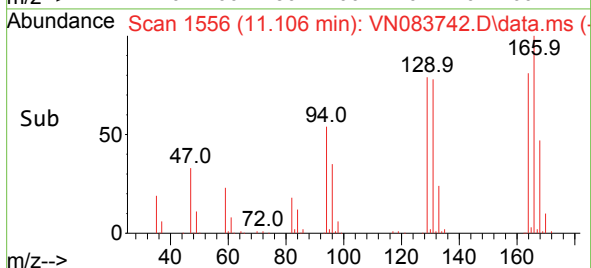
Tgt Ion:117 Resp: 267844  
Ion Ratio Lower Upper  
117 100  
82 58.8 47.4 71.0  
119 31.5 26.3 39.5

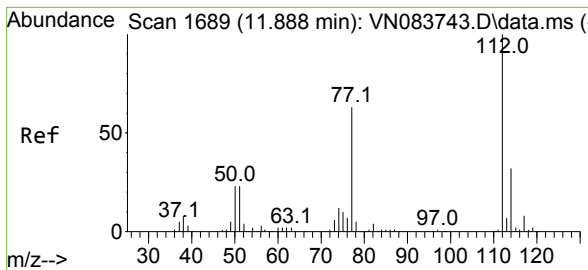


#64  
Tetrachloroethene  
Concen: 94.271 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08



Tgt Ion:164 Resp: 167917  
Ion Ratio Lower Upper  
164 100  
166 123.9 103.7 155.5  
129 97.7 79.9 119.9  
131 96.3 78.4 117.6

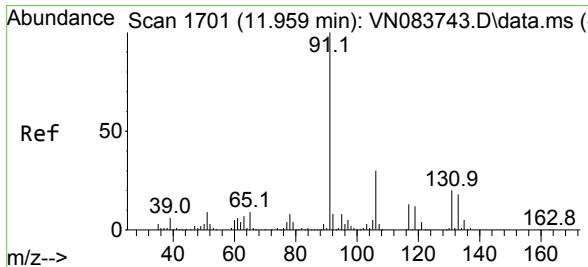
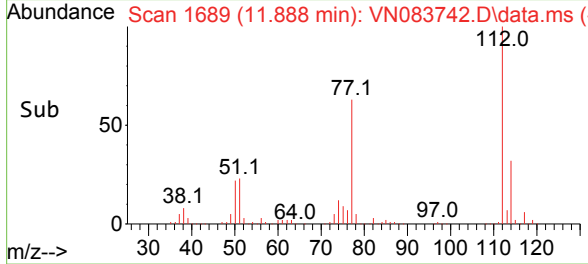
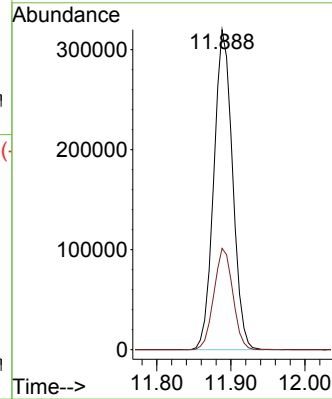
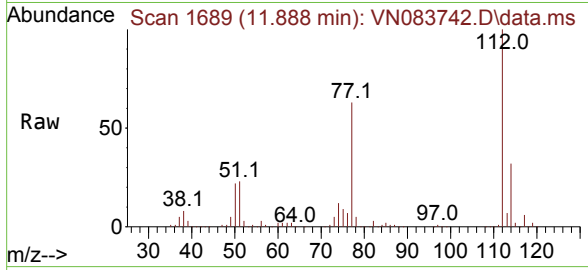




#65  
Chlorobenzene  
Concen: 94.145 ug/l  
RT: 11.888 min Scan# 112  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

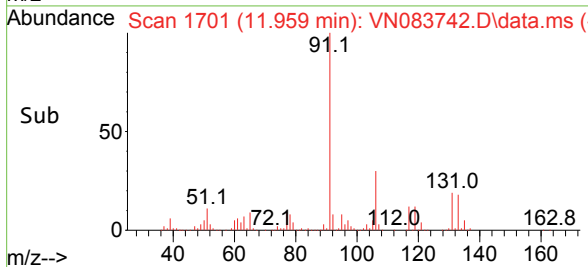
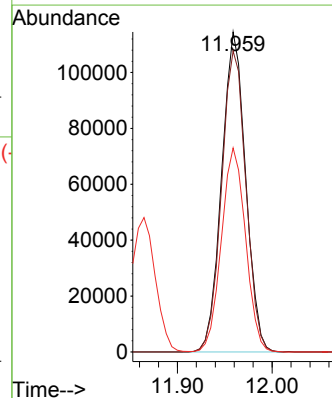
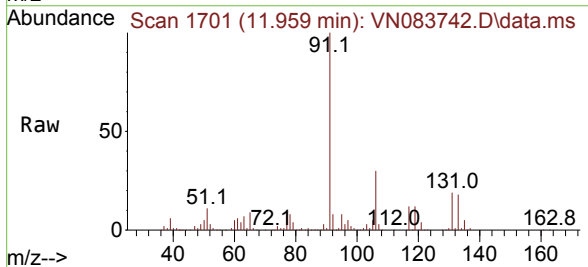
Instrument :  
MSVOA\_N  
ClientSampleId :

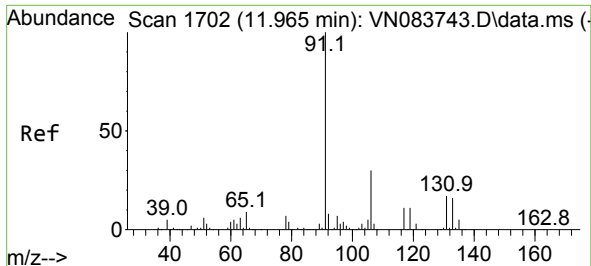
Tgt Ion:112 Resp: 560440  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 97.460 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion:131 Resp: 201130  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.5 142.6  
119 64.5 31.6 94.8

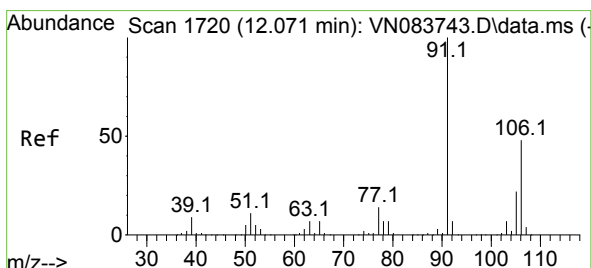
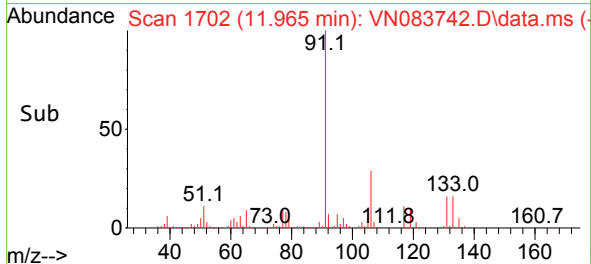
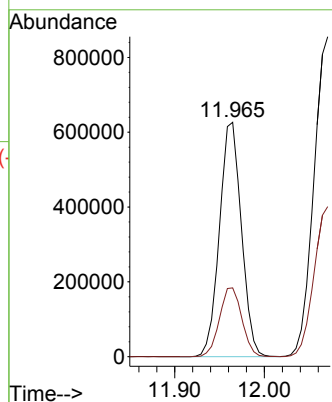
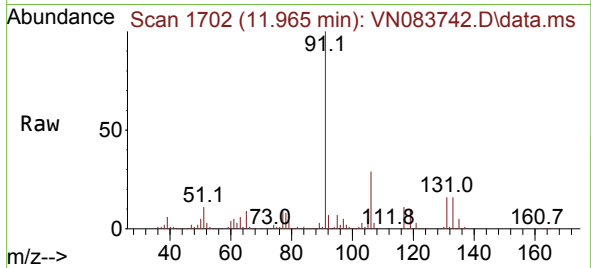




#67  
Ethyl Benzene  
Concen: 100.561 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

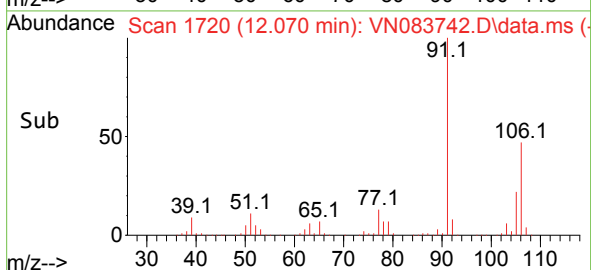
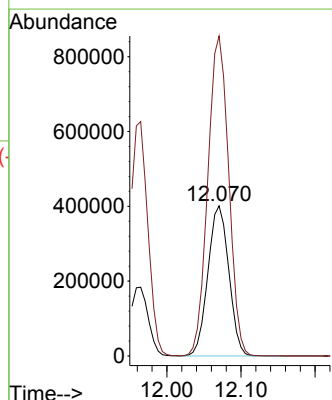
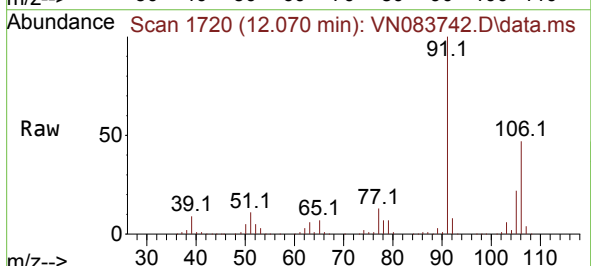
Instrument :  
MSVOA\_N  
ClientSampleId :

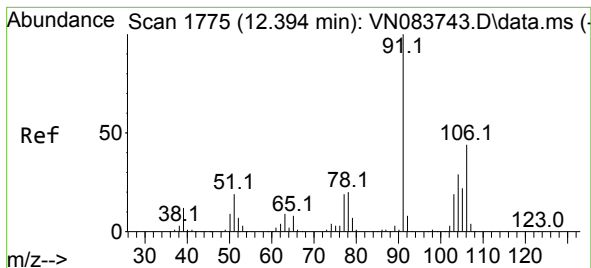
Tgt Ion: 91 Resp: 1063437  
Ion Ratio Lower Upper  
91 100  
106 29.4 24.3 36.5



#68  
m/p-Xylenes  
Concen: 200.232 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion:106 Resp: 786134  
Ion Ratio Lower Upper  
106 100  
91 213.5 169.2 253.8





#69

o-Xylene

Concen: 99.660 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

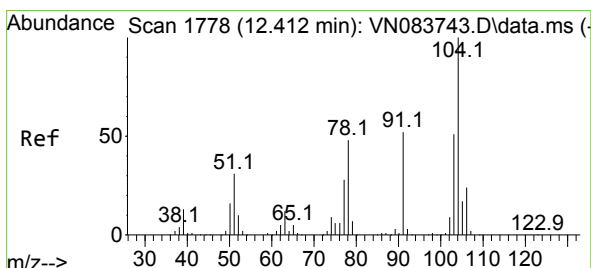
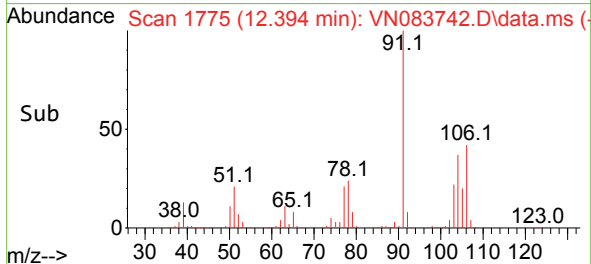
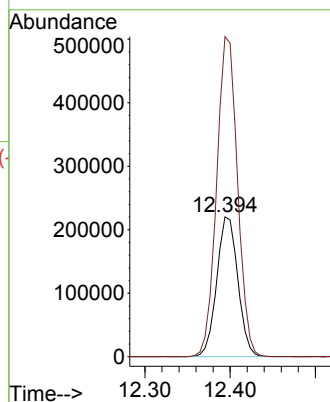
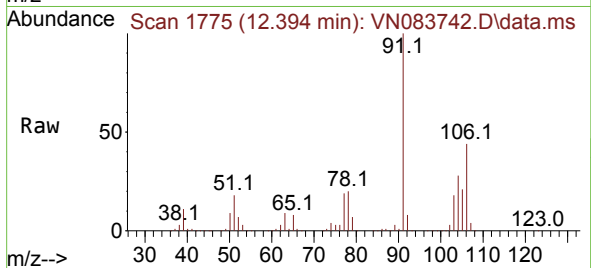
ClientSampleId :

Tgt Ion:106 Resp: 378786

Ion Ratio Lower Upper

106 100

91 226.6 112.9 338.6



#70

Styrene

Concen: 103.715 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

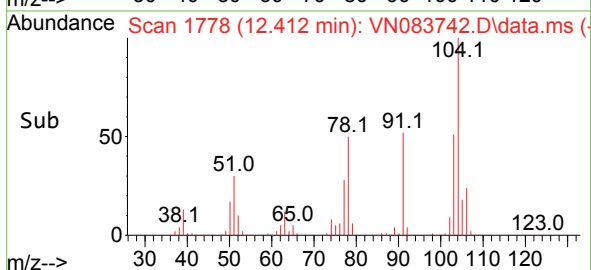
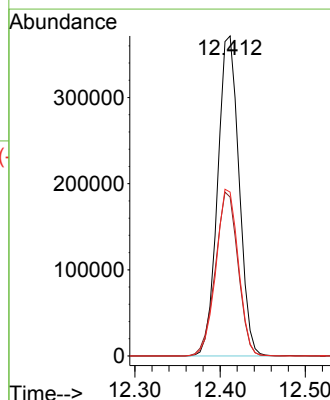
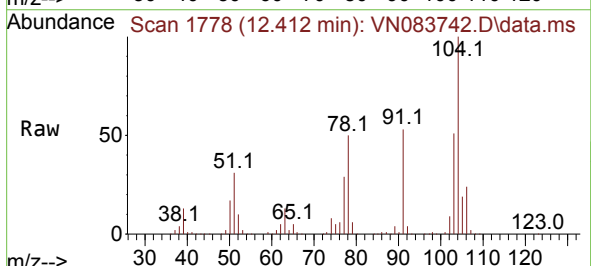
Tgt Ion:104 Resp: 646938

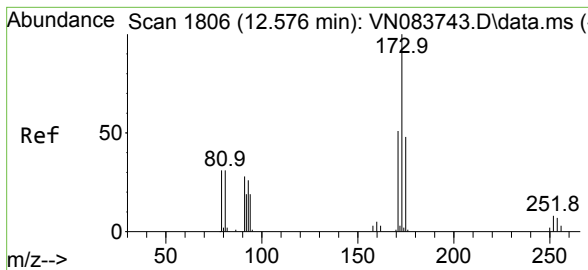
Ion Ratio Lower Upper

104 100

78 54.3 43.3 64.9

103 54.8 43.4 65.2

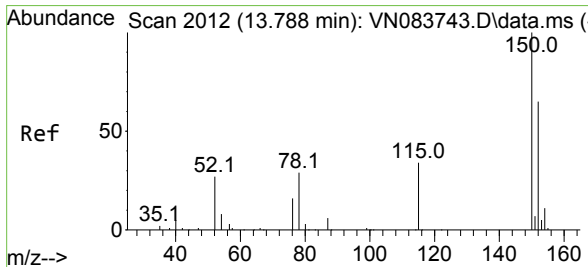
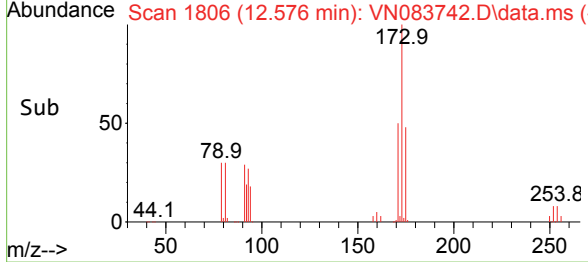
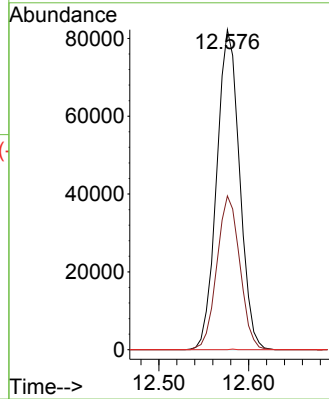
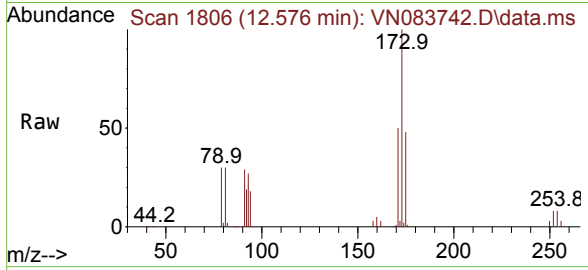




#71  
Bromoform  
Concen: 104.798 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

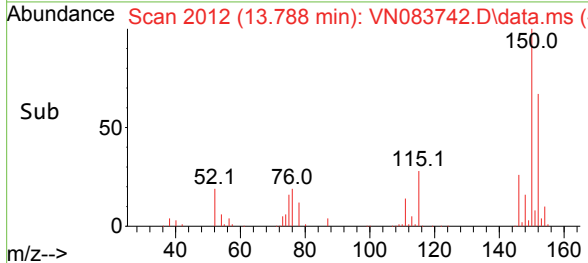
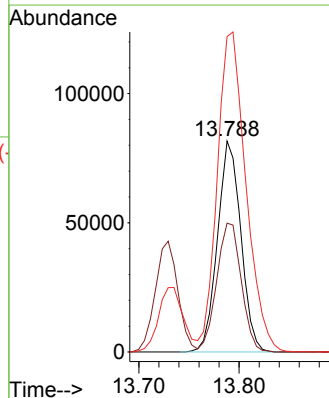
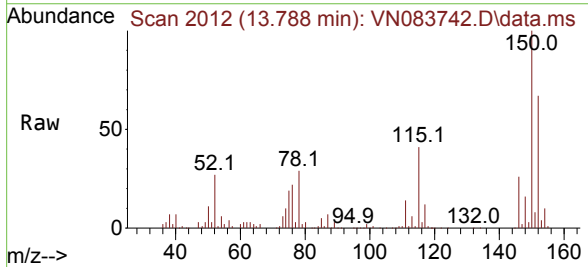
Instrument :  
MSVOA\_N  
ClientSampleId :

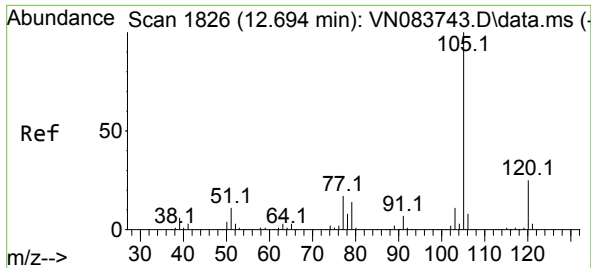
Tgt Ion:173 Resp: 145739  
Ion Ratio Lower Upper  
173 100  
175 48.2 24.1 72.2  
254 0.0 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion:152 Resp: 131982  
Ion Ratio Lower Upper  
152 100  
115 64.2 32.2 96.6  
150 186.0 0.0 348.6

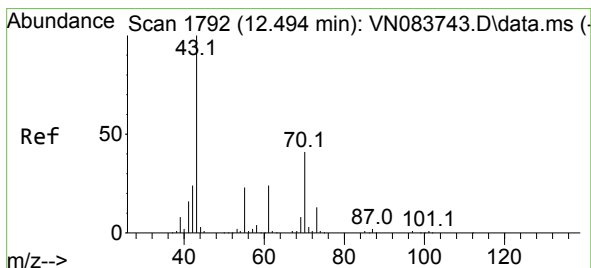
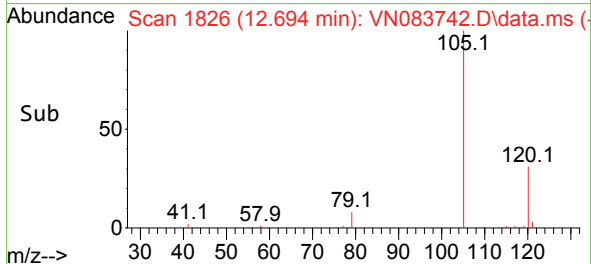
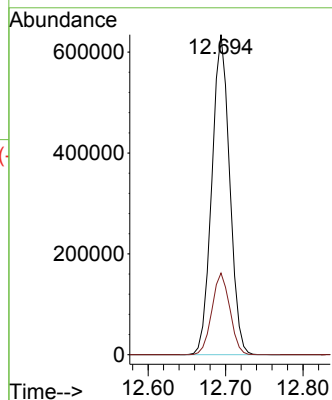
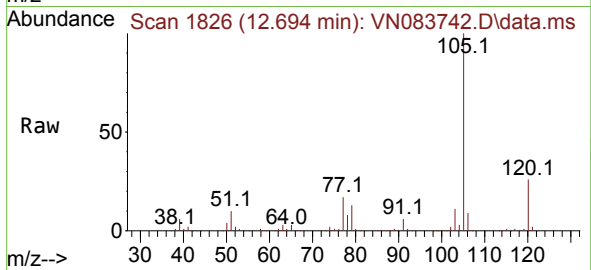




#73  
Isopropylbenzene  
Concen: 99.129 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

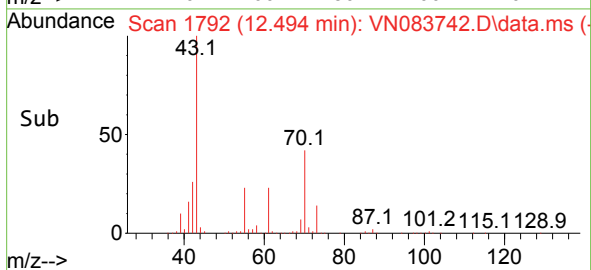
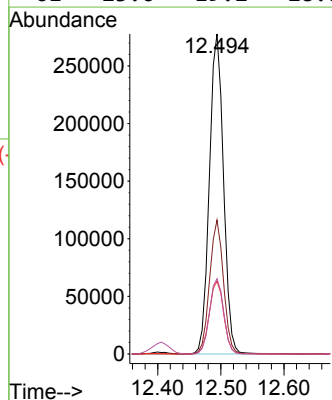
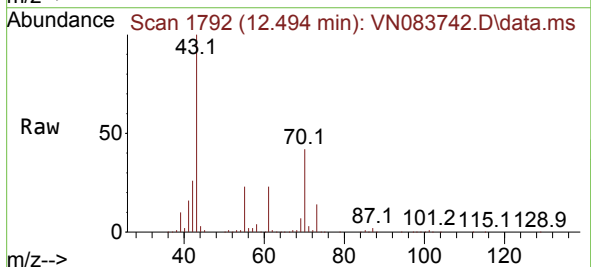
Instrument :  
MSVOA\_N  
ClientSampleId :

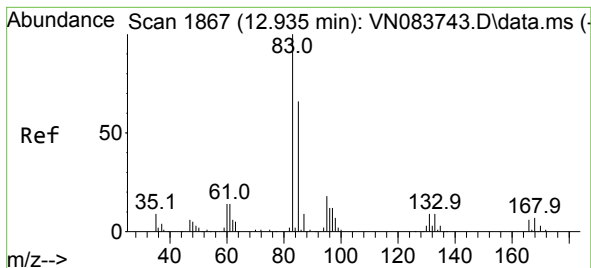
Tgt Ion:105 Resp: 1012206  
Ion Ratio Lower Upper  
105 100  
120 25.6 12.6 37.8



#74  
N-ethyl acetate  
Concen: 98.846 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 43 Resp: 430629  
Ion Ratio Lower Upper  
43 100  
70 41.2 34.5 51.7  
55 23.2 18.6 28.0  
61 23.6 19.2 28.8

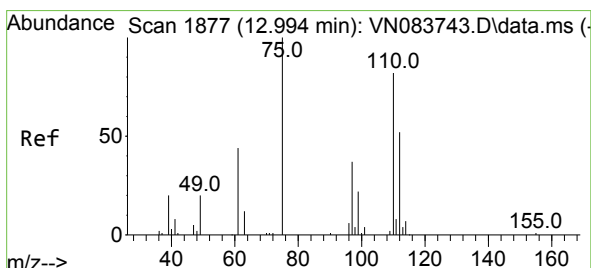
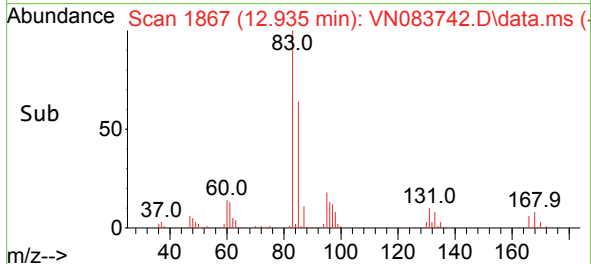
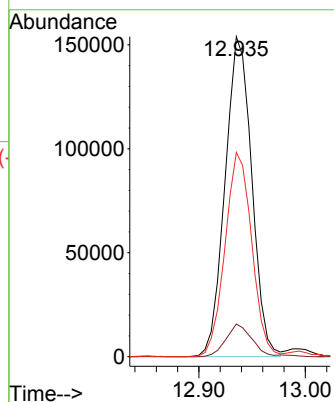
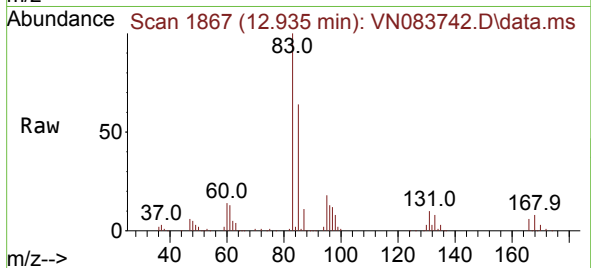




#75  
1,1,2,2-Tetrachloroethane  
Concen: 89.333 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

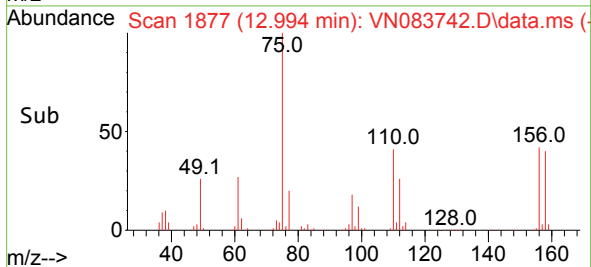
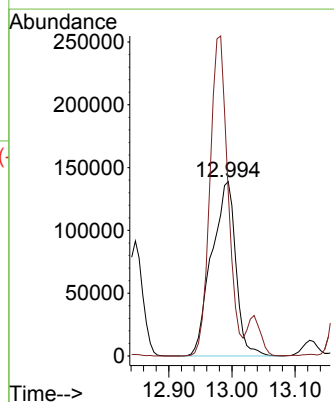
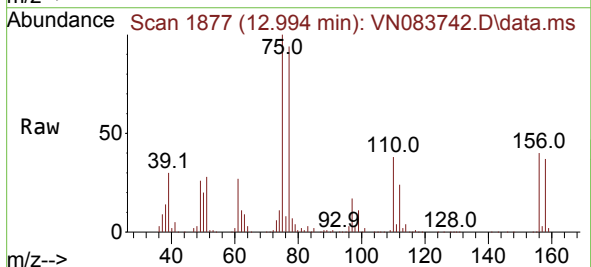
Instrument :  
MSVOA\_N  
ClientSampleId :

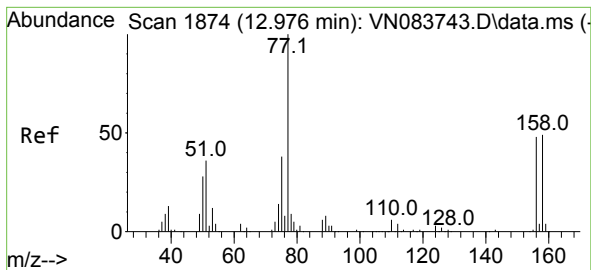
Tgt Ion: 83 Resp: 268013  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.2 15.6  
85 64.0 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 138.396 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 75 Resp: 368567  
Ion Ratio Lower Upper  
75 100  
77 137.0 95.2 285.6





#77

Bromobenzene

Concen: 90.289 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

ClientSampleId :

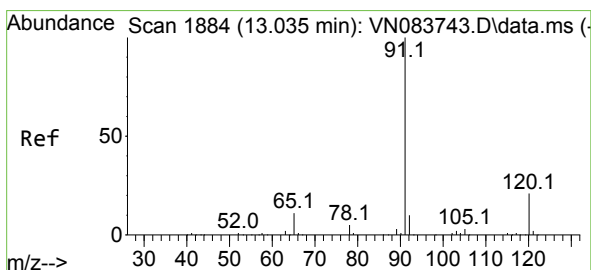
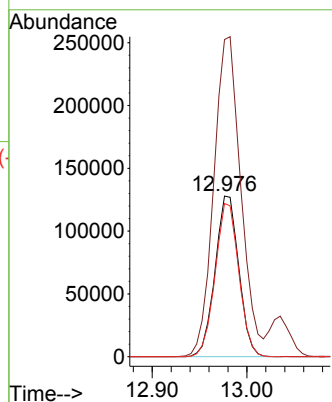
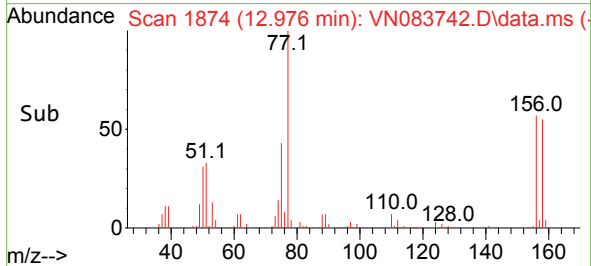
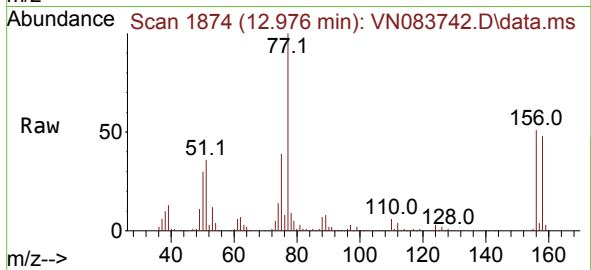
Tgt Ion:156 Resp: 221922

Ion Ratio Lower Upper

156 100

77 227.5 114.3 343.1

158 95.3 48.9 146.7



#78

n-propylbenzene

Concen: 100.345 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083742.D

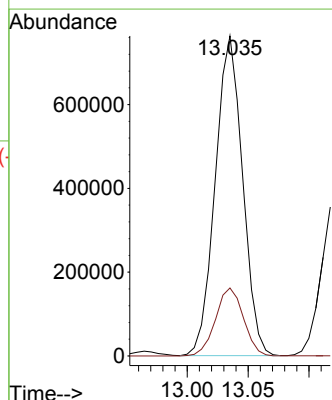
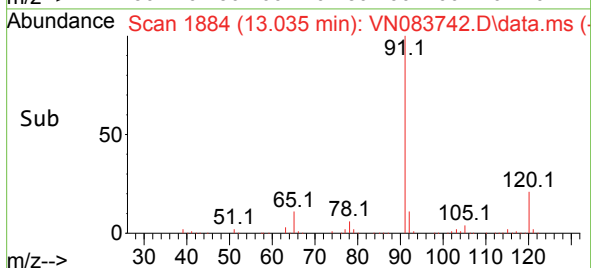
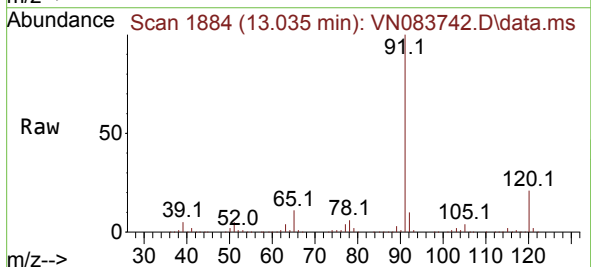
Acq: 10 Sep 2024 09:08

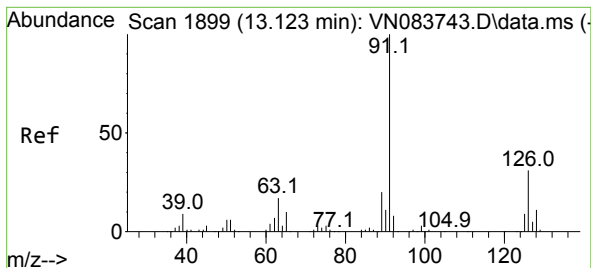
Tgt Ion: 91 Resp: 1192155

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0

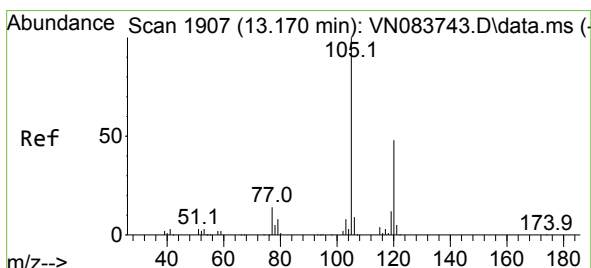
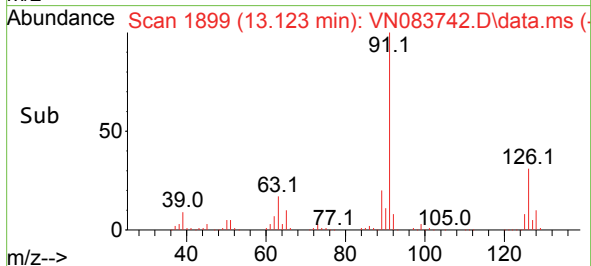
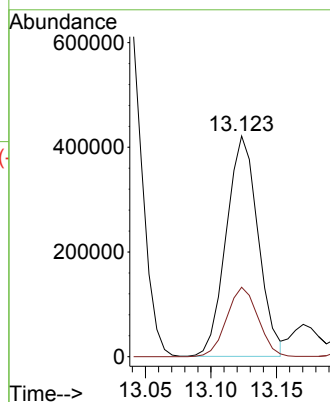
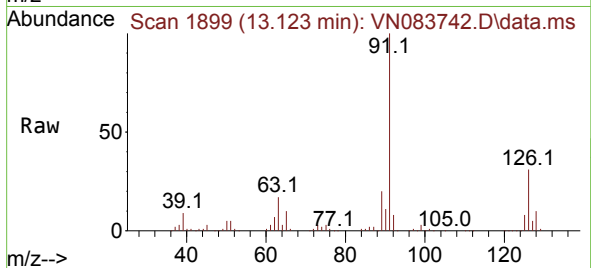




#79  
2-Chlorotoluene  
Concen: 94.060 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

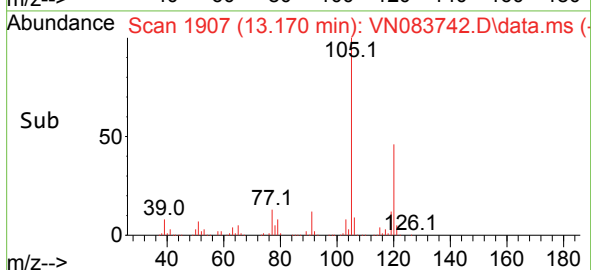
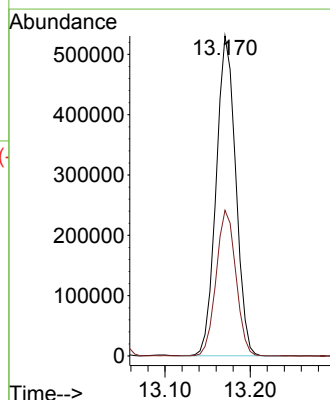
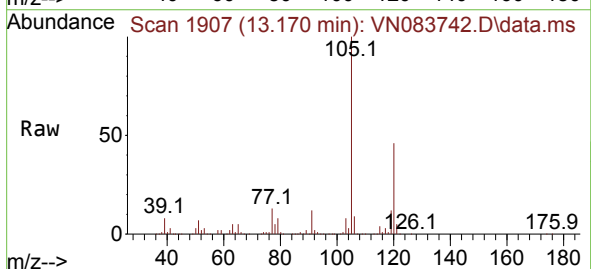
Instrument :  
MSVOA\_N  
ClientSampleId :

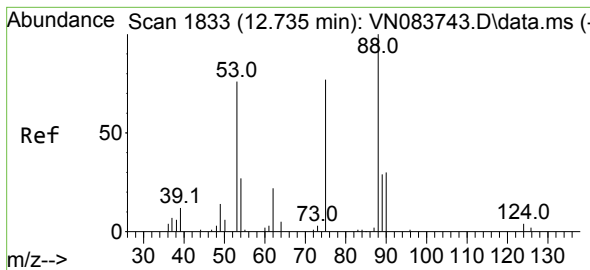
Tgt Ion: 91 Resp: 712679  
Ion Ratio Lower Upper  
91 100  
126 31.1 15.4 46.2



#80  
1,3,5-Trimethylbenzene  
Concen: 98.252 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion: 105 Resp: 845837  
Ion Ratio Lower Upper  
105 100  
120 46.0 23.4 70.3

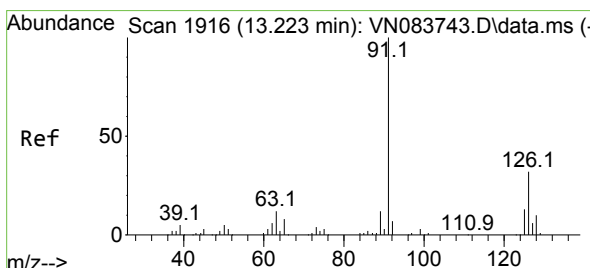
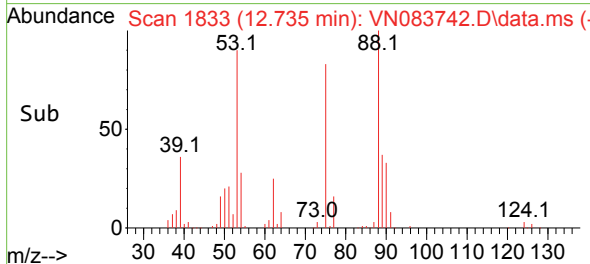
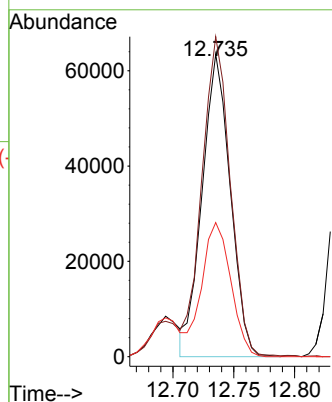
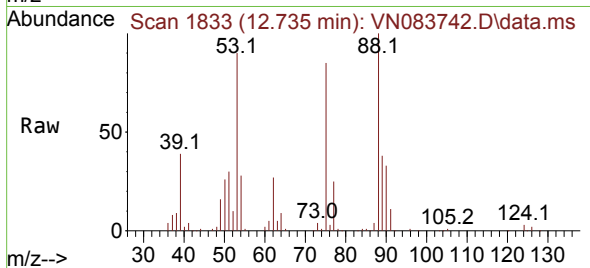




#81  
trans-1,4-Dichloro-2-butene  
Concen: 100.466 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

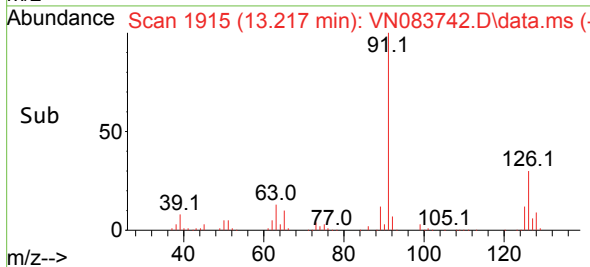
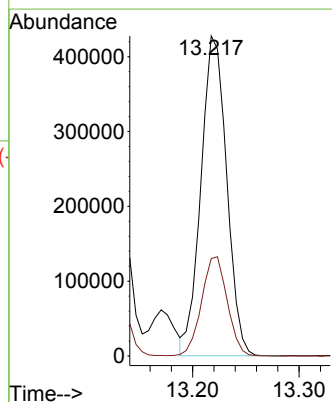
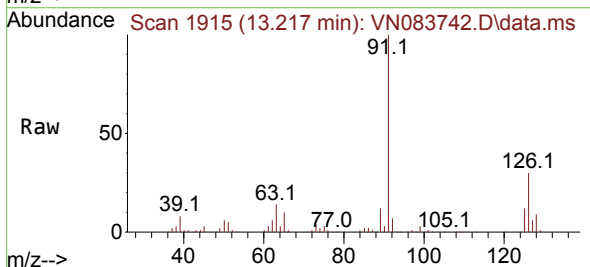
Instrument :  
MSVOA\_N  
ClientSampleId :

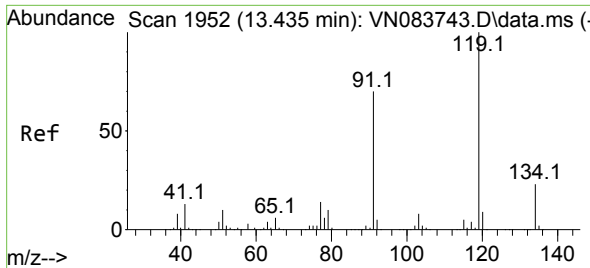
Tgt Ion: 75 Resp: 102156  
Ion Ratio Lower Upper  
75 100  
53 107.3 81.2 121.8  
89 45.0 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 94.532 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

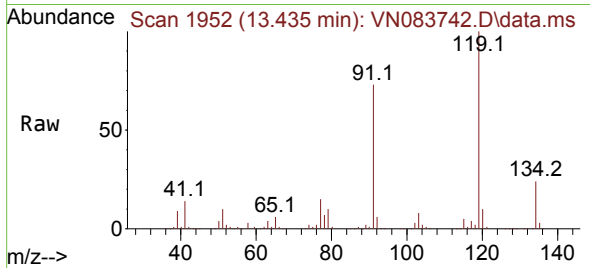
Tgt Ion: 91 Resp: 718771  
Ion Ratio Lower Upper  
91 100  
126 31.1 15.4 46.2



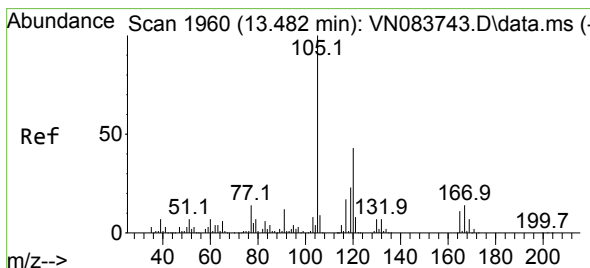
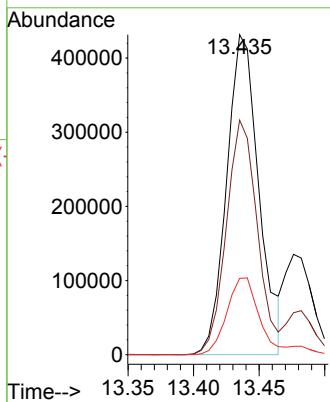
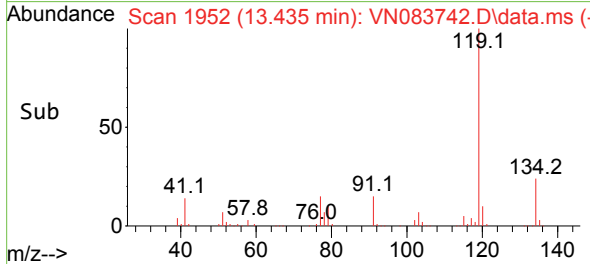


#83  
tert-Butylbenzene  
Concen: 97.989 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

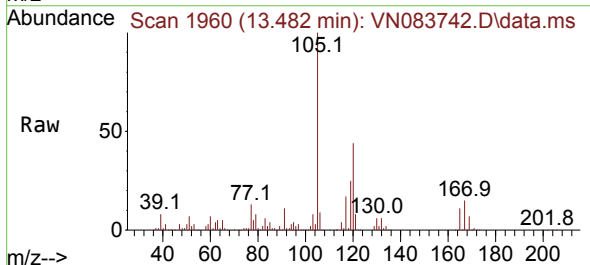
Instrument :  
MSVOA\_N  
ClientSampleId :



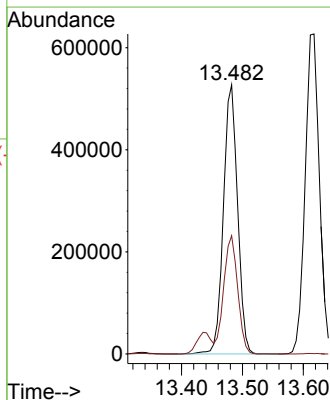
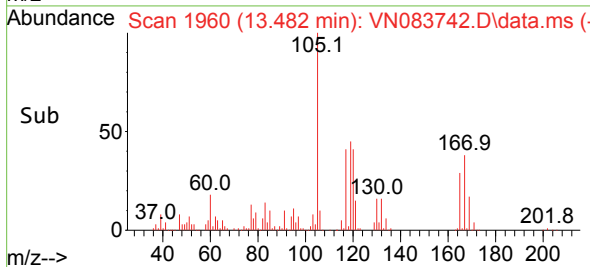
Tgt Ion:119 Resp: 738032  
Ion Ratio Lower Upper  
119 100  
91 70.6 34.5 103.6  
134 25.8 12.8 38.4

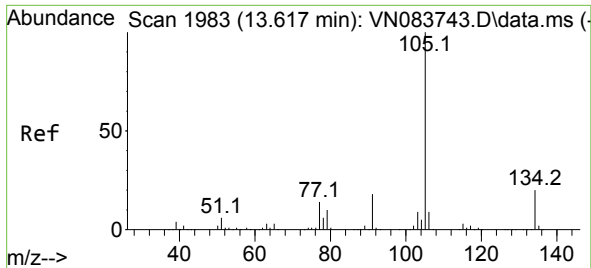


#84  
1,2,4-Trimethylbenzene  
Concen: 98.439 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08



Tgt Ion:105 Resp: 851267  
Ion Ratio Lower Upper  
105 100  
120 43.5 21.8 65.4

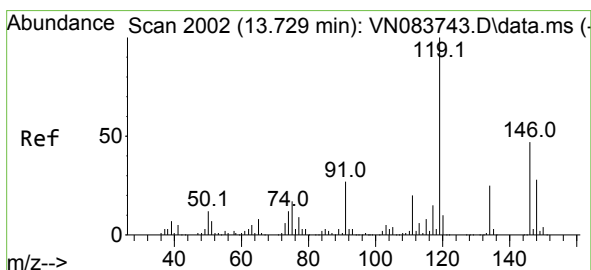
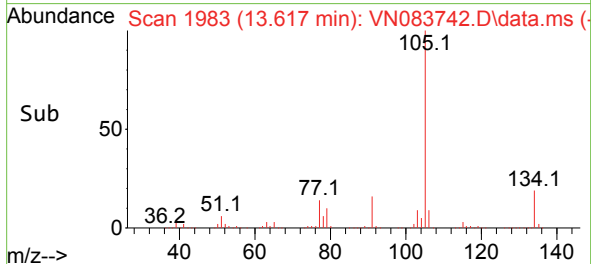
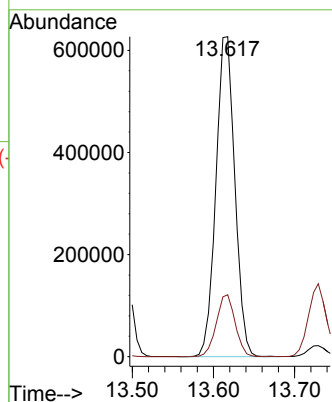
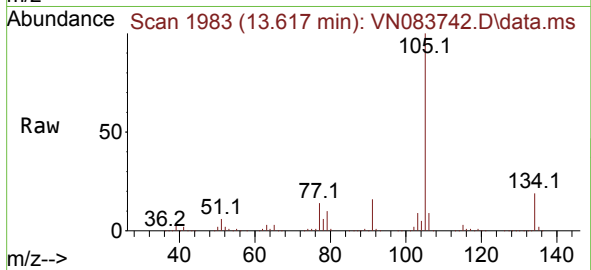




#85  
 sec-Butylbenzene  
 Concen: 101.889 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN083742.D  
 Acq: 10 Sep 2024 09:08

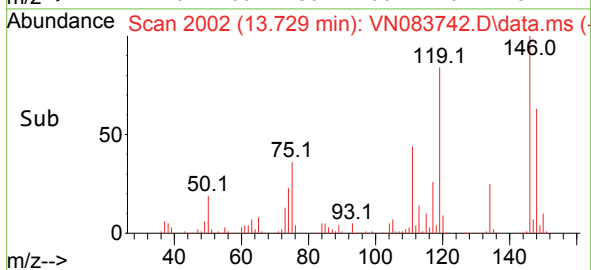
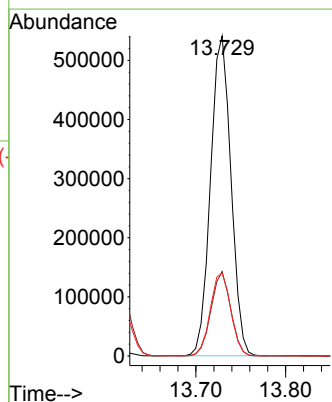
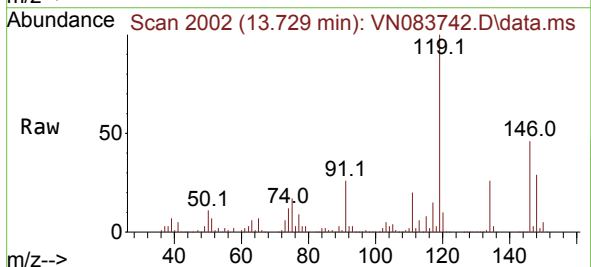
Instrument :  
 MSVOA\_N  
 ClientSampleId :

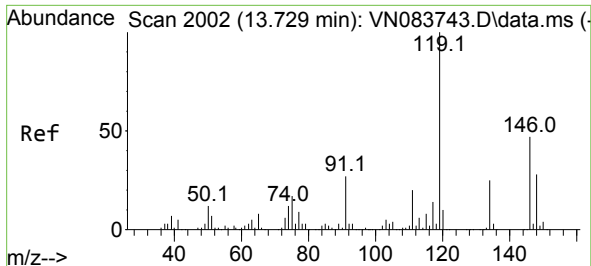
Tgt Ion:105 Resp: 1017747  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 102.048 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN083742.D  
 Acq: 10 Sep 2024 09:08

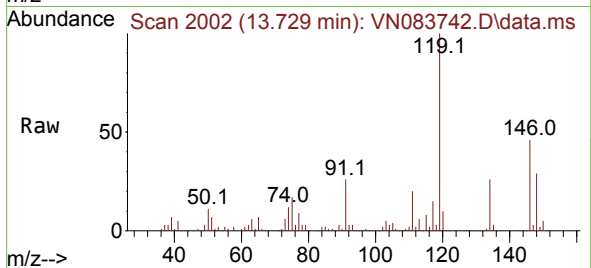
Tgt Ion:119 Resp: 854481  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.8 38.3  
 91 26.1 12.9 38.7



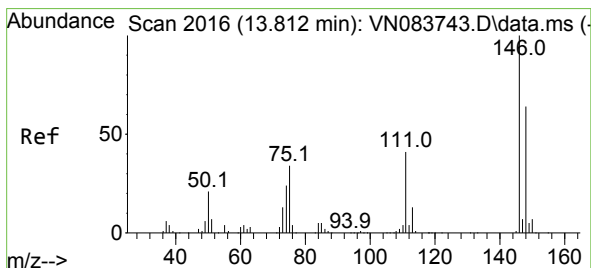
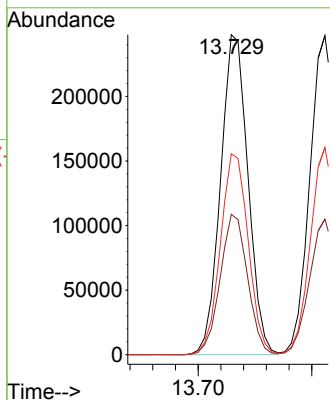
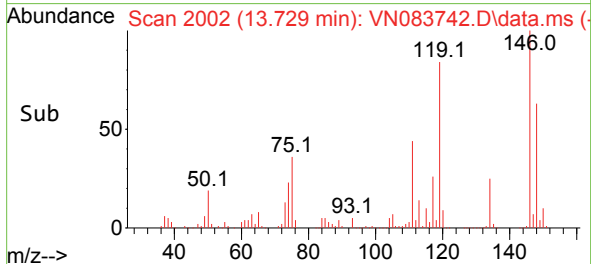


#87  
1,3-Dichlorobenzene  
Concen: 89.760 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

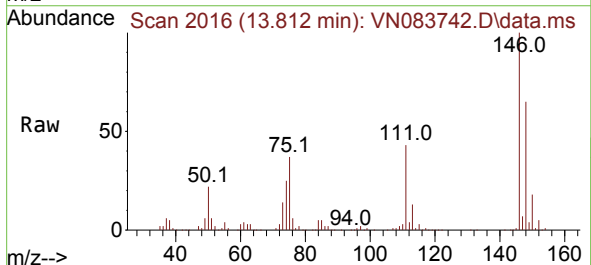
Instrument :  
MSVOA\_N  
ClientSampleId :



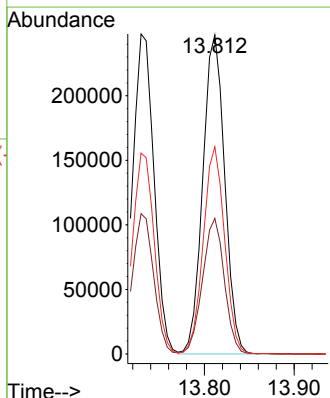
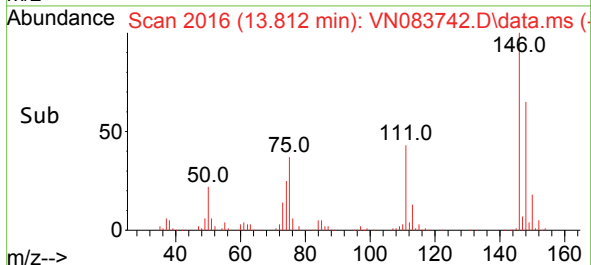
Tgt Ion:146 Resp: 416366  
Ion Ratio Lower Upper  
146 100  
111 43.8 21.7 65.1  
148 63.6 31.7 95.1

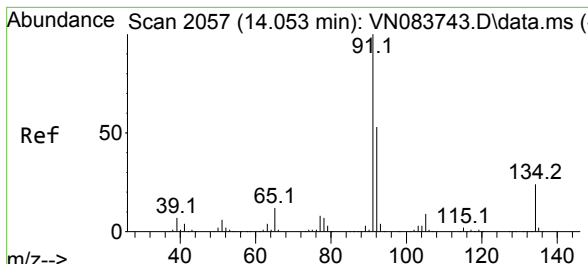


#88  
1,4-Dichlorobenzene  
Concen: 89.123 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08



Tgt Ion:146 Resp: 418608  
Ion Ratio Lower Upper  
146 100  
111 42.0 21.3 64.0  
148 63.6 32.0 96.2

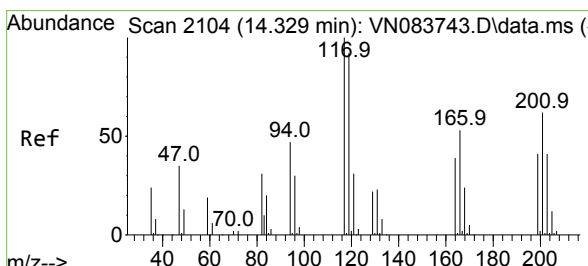
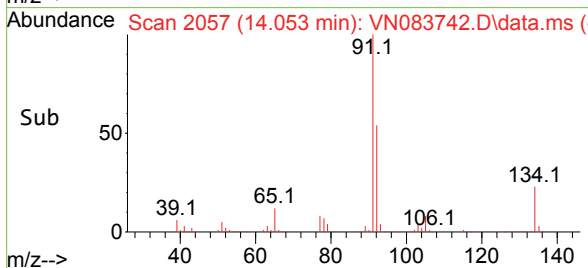
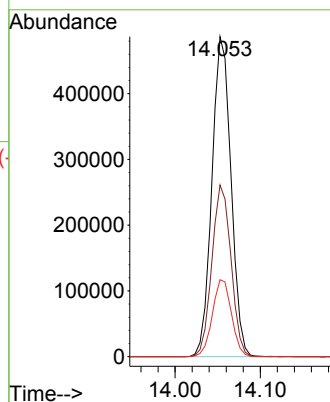
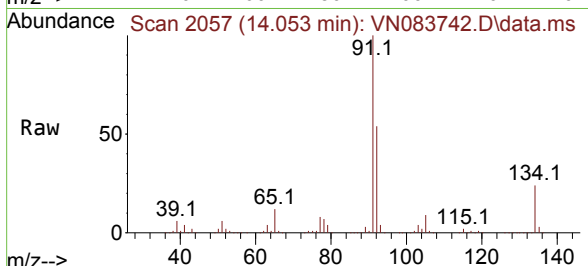




#89  
 n-Butylbenzene  
 Concen: 100.632 ug/l  
 RT: 14.053 min Scan# 2057  
 Delta R.T. -0.000 min  
 Lab File: VN083742.D  
 Acq: 10 Sep 2024 09:08

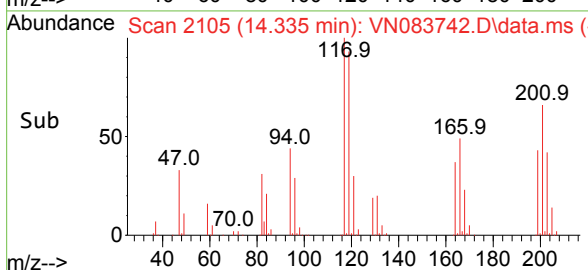
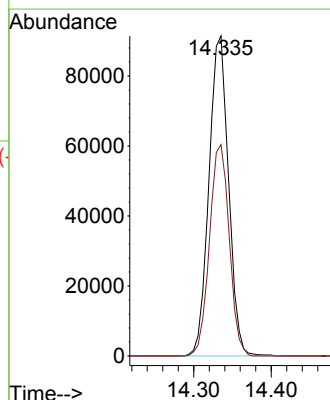
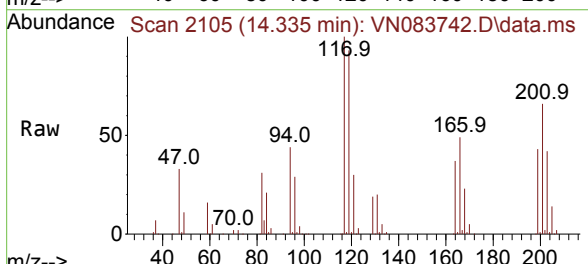
Instrument :  
 MSVOA\_N  
 ClientSampleId :

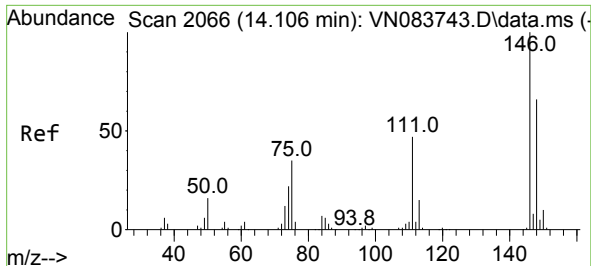
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 756542 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.7  | 26.7  | 80.1   |
| 134      | 24.1  | 12.2  | 36.4   |



#90  
 Hexachloroethane  
 Concen: 95.312 ug/l  
 RT: 14.335 min Scan# 2105  
 Delta R.T. 0.006 min  
 Lab File: VN083742.D  
 Acq: 10 Sep 2024 09:08

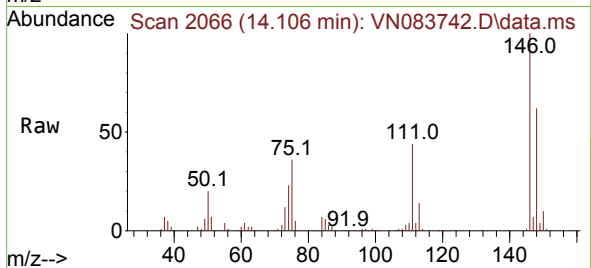
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 160428 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 66.5  | 32.8  | 98.3   |



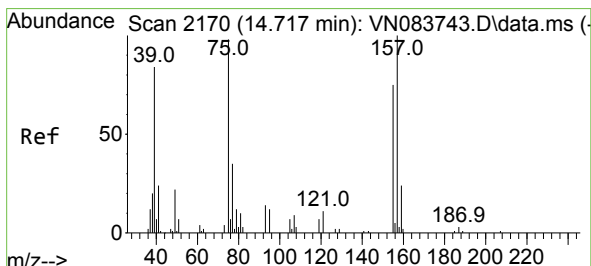
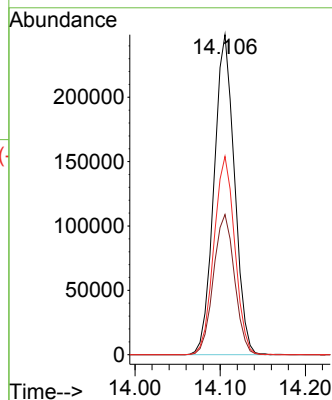
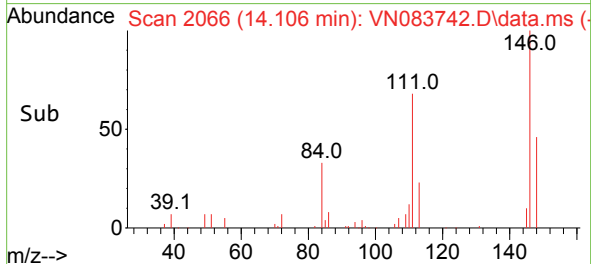


#91  
1,2-Dichlorobenzene  
Concen: 92.608 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

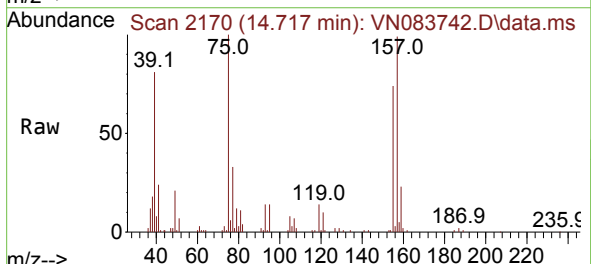
Instrument :  
MSVOA\_N  
ClientSampleId :



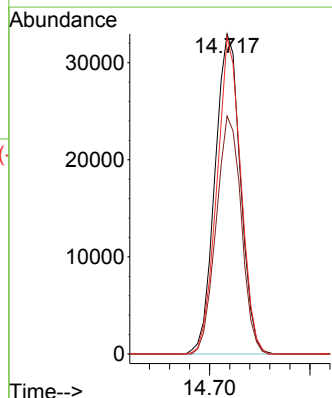
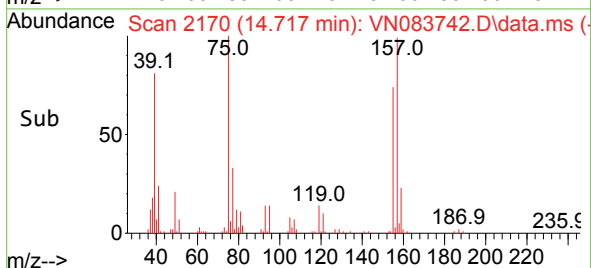
Tgt Ion:146 Resp: 414582  
Ion Ratio Lower Upper  
146 100  
111 45.1 22.8 68.3  
148 63.1 32.1 96.5

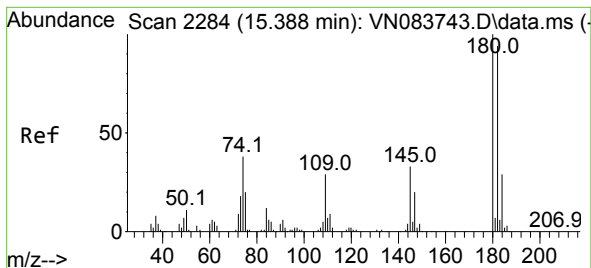


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 96.804 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08



Tgt Ion: 75 Resp: 57895  
Ion Ratio Lower Upper  
75 100  
155 73.4 35.9 107.7  
157 93.3 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 94.607 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

Instrument :

MSVOA\_N

ClientSampleId :

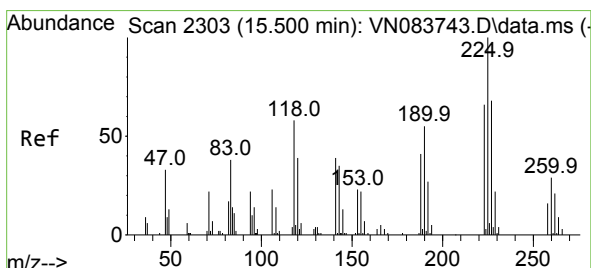
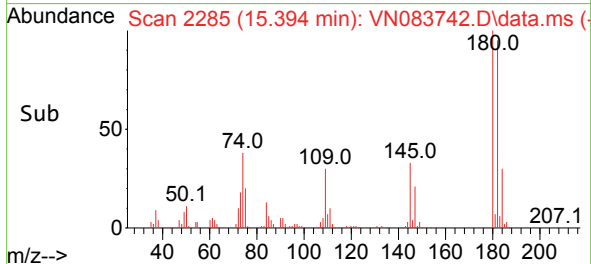
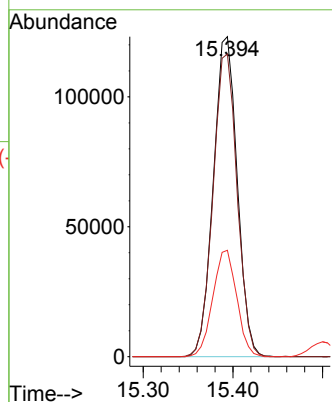
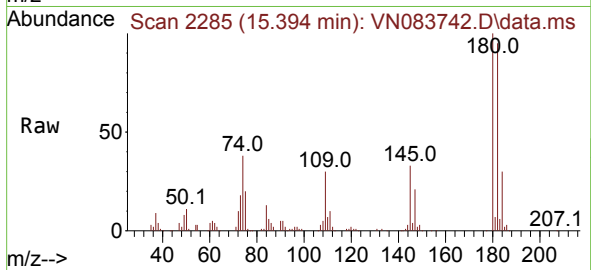
Tgt Ion:180 Resp: 227276

Ion Ratio Lower Upper

180 100

182 95.6 48.1 144.3

145 33.4 16.9 50.7



#94

Hexachlorobutadiene

Concen: 91.182 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083742.D

Acq: 10 Sep 2024 09:08

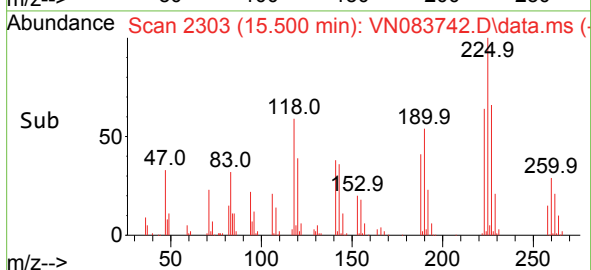
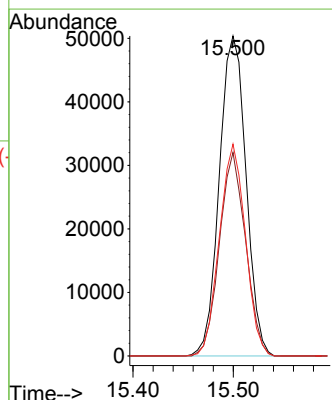
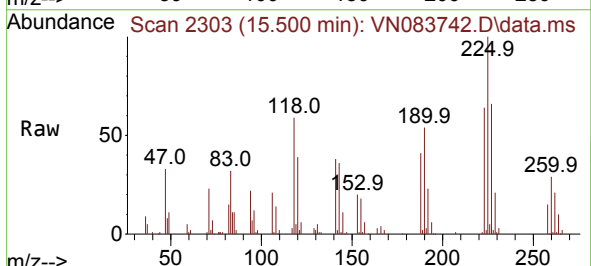
Tgt Ion:225 Resp: 93025

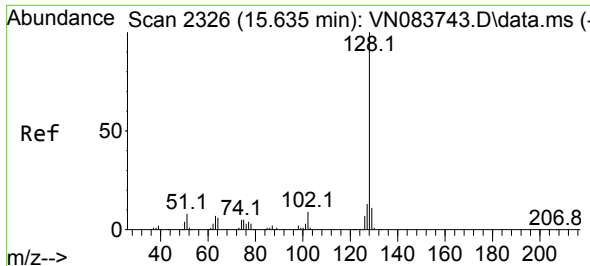
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.5

227 64.5 32.0 96.2

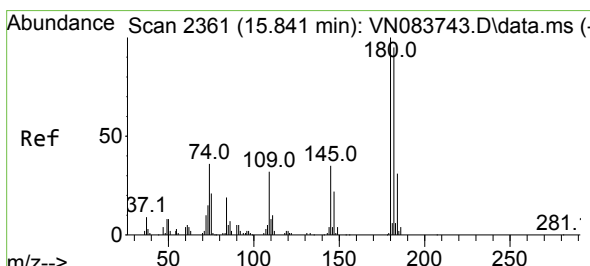
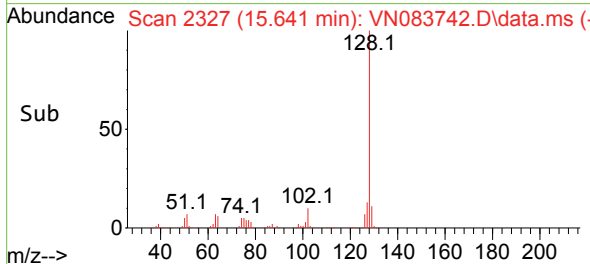
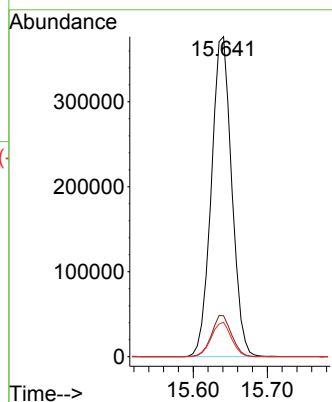
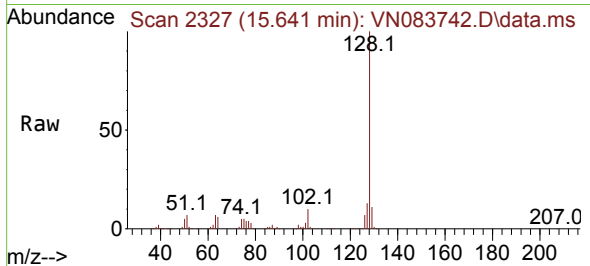




#95  
Naphthalene  
Concen: 98.492 ug/l  
RT: 15.641 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 719851  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.6 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 93.670 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. -0.006 min  
Lab File: VN083742.D  
Acq: 10 Sep 2024 09:08

Tgt Ion:180 Resp: 215058  
Ion Ratio Lower Upper  
180 100  
182 94.5 47.1 141.4  
145 35.7 17.8 53.5

