

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121724\  
 Data File : VN085241.D  
 Acq On : 17 Dec 2024 21:59  
 Operator : JC\MD  
 Sample : P5291-09MSD  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 18 00:44:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 23 02:54:10 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 153484   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 255174   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 228107   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 107049   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 106984   | 48.935   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 97.860%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 84535    | 49.125   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.260%  |
| 50) Toluene-d8              | 10.565 | 98    | 297397   | 48.224   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 96.440%  |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 115597   | 50.123   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 100.240% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 122369  | 70.509  | ug/l   | 97  |
| 3) Chloromethane             | 2.359 | 50  | 97611   | 48.492  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.506 | 62  | 110503  | 61.087  | ug/l   | 97  |
| 5) Bromomethane              | 2.936 | 94  | 54597   | 53.848  | ug/l   | 97  |
| 6) Chloroethane              | 3.106 | 64  | 65793   | 53.960  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.489 | 101 | 176316  | 57.297  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.959 | 74  | 59526   | 56.835  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 94394   | 54.085  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.583 | 142 | 122556  | 53.050  | ug/l   | 95  |
| 11) Tert butyl alcohol       | 5.530 | 59  | 101793  | 348.422 | ug/l   | 96  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 89998   | 55.245  | ug/l   | 93  |
| 13) Acrolein                 | 4.177 | 56  | 55309   | 283.715 | ug/l # | 16  |
| 14) Allyl chloride           | 5.018 | 41  | 128659  | 46.848  | ug/l   | 91  |
| 15) Acrylonitrile            | 5.718 | 53  | 243822  | 294.779 | ug/l   | 99  |
| 16) Acetone                  | 4.430 | 43  | 207484  | 325.861 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.712 | 76  | 269729  | 56.095  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.018 | 43  | 106850  | 52.562  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.795 | 73  | 360211  | 67.674  | ug/l # | 61  |
| 20) Methylene Chloride       | 5.271 | 84  | 100422  | 51.685  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 91927   | 53.623  | ug/l   | 92  |
| 22) Diisopropyl ether        | 6.671 | 45  | 286903  | 51.907  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.600 | 43  | 1042059 | 273.278 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 172452  | 52.137  | ug/l   | 98  |
| 25) 2-Butanone               | 7.483 | 43  | 317779  | 305.265 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 128596  | 41.635  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 109618  | 53.040  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.812 | 49  | 60090   | 48.126  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 205691  | 317.738 | ug/l   | 98  |
| 30) Chloroform               | 7.965 | 83  | 186028  | 52.871  | ug/l   | 96  |
| 31) Cyclohexane              | 8.253 | 56  | 192814  | 66.208  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 170881  | 53.744  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 126785  | 54.395  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.559 | 43  | 117497  | 55.450  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 153419  | 57.023  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.600 | 83  | 208206  | 85.963  | ug/l   | 97  |
| 40) Benzene                  | 8.606 | 78  | 2834507 | 384.499 | ug/l   | 100 |

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 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 18 00:44:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 23 02:54:10 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 71699    | 61.113   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 133843   | 53.070   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 227670   | 51.726   | ug/l   | 98       |
| 44) Trichloroethene           | 9.353  | 130  | 93636    | 54.656   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 92138    | 50.745   | ug/l   | 93       |
| 46) Dibromomethane            | 9.712  | 93   | 66634    | 52.814   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 146601   | 54.824   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.677  | 41   | 103934   | 63.457   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 37301    | 1313.239 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 669053   | 332.799  | ug/l   | 100      |
| 52) Toluene                   | 10.629 | 92   | 571883   | 131.040  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 145075   | 54.115   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 151075   | 53.119   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 104024   | 63.993   | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 159757   | 67.256   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 156077   | 54.554   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 323      | 0.277    | ug/l # | 46       |
| 59) 2-Hexanone                | 11.194 | 43   | 492890   | 327.812  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 111202   | 55.974   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 95957    | 57.038   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 77321    | 50.305   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.888 | 112  | 262840   | 50.808   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 94875    | 52.089   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 1616318  | 192.582  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.065 | 106  | 1443477  | 451.746  | ug/l   | 98       |
| 69) o-Xylene                  | 12.394 | 106  | 517349   | 170.207  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 310655   | 61.459   | ug/l # | 81       |
| 71) Bromoform                 | 12.576 | 173  | 79116    | 58.517   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 493844   | 65.393   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 184702   | 59.352   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 133088   | 51.608   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 170298   | 87.461   | ug/l   | 48       |
| 77) Bromobenzene              | 12.976 | 156  | 105740   | 52.030   | ug/l   | 98       |
| 78) n-propylbenzene           | 13.035 | 91   | 592403   | 68.010   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 356328   | 61.281   | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 484396   | 76.439   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 42571    | 48.265   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 323099   | 53.377   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.435 | 119  | 315144   | 57.798   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 1125111  | 172.482  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.612 | 105  | 426780   | 57.943   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 365146   | 60.054   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 191047   | 47.660   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 190705   | 46.619   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.053 | 91   | 308991   | 54.646   | ug/l   | 94       |
| 90) Hexachloroethane          | 14.329 | 117  | 76685    | 57.861   | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 182042   | 47.393   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 29729    | 59.617   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 98988    | 47.436   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 39793    | 41.319   | ug/l   | 99       |
| 95) Naphthalene               | 15.635 | 128  | 518533   | 87.245   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 95744    | 48.085   | ug/l   | 97       |

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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 26 Sample Multiplier: 1

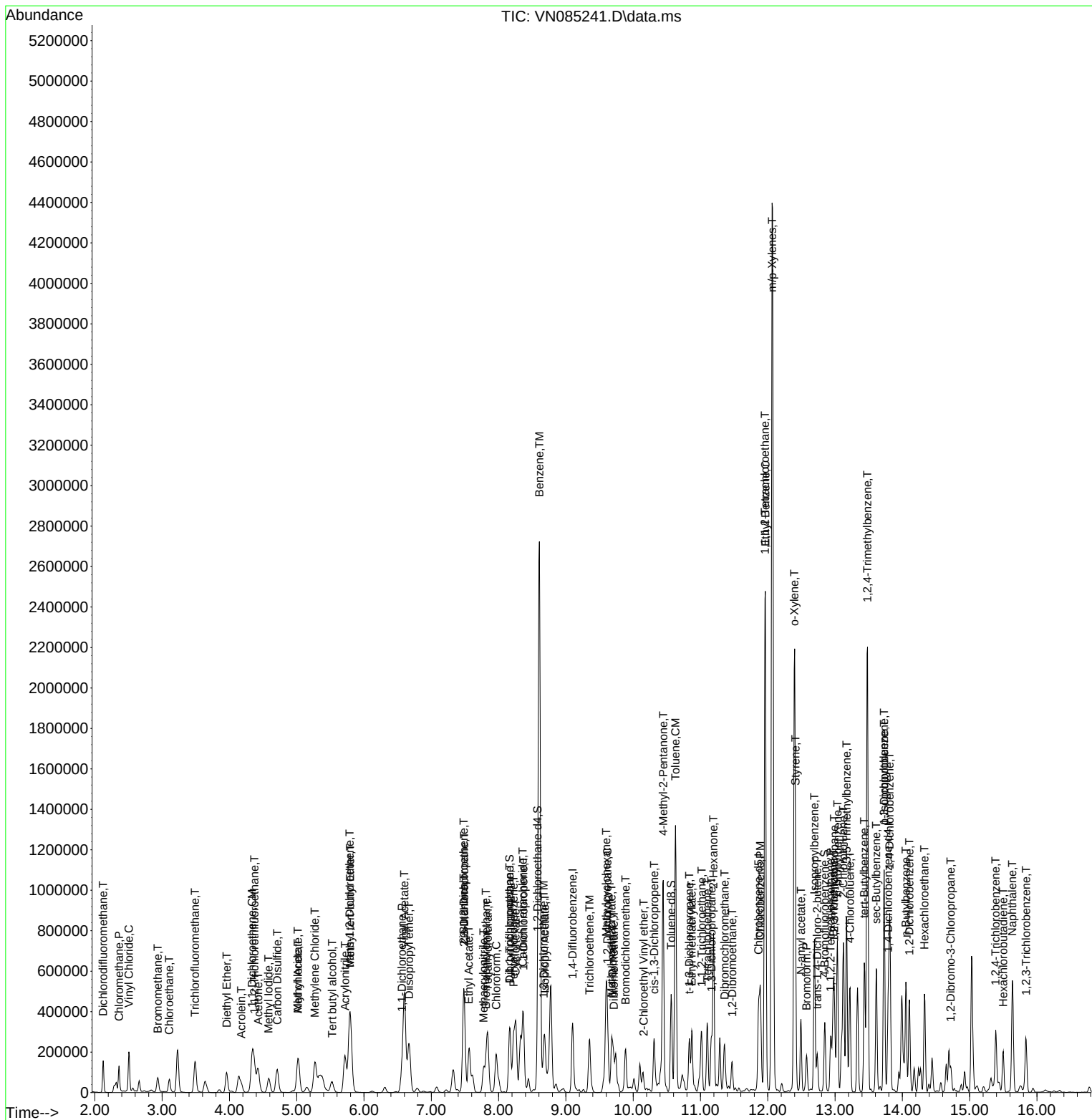
Instrument :  
MSVOA\_N  
ClientSampleId :

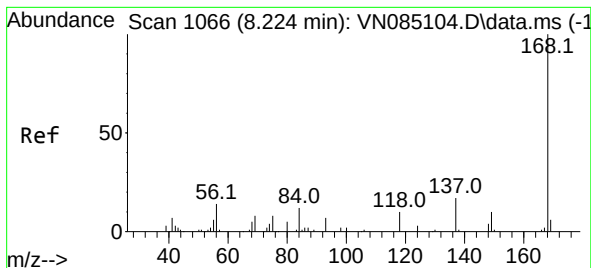
Quant Time: Dec 18 00:44:33 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 23 02:54:10 2024  
Response via : Initial Calibration

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

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

Quant Time: Dec 18 00:44:33 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

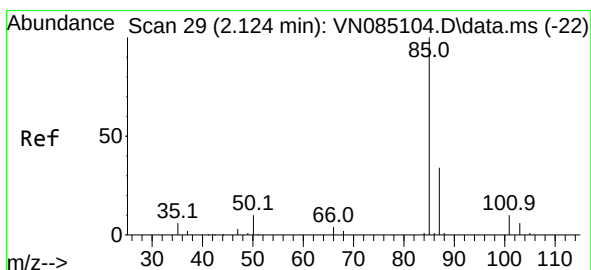
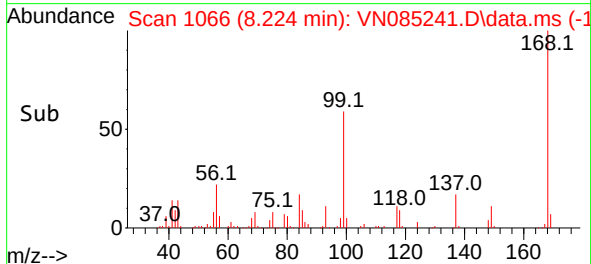
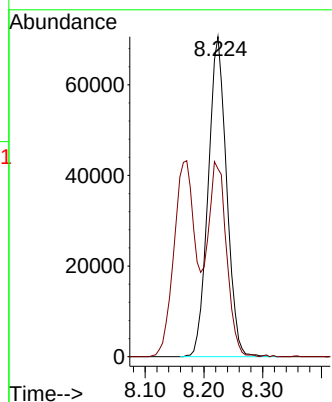
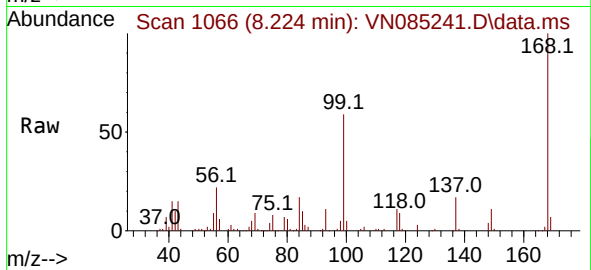
ClientSampleId :

Tgt Ion:168 Resp: 153484

Ion Ratio Lower Upper

168 100

99 58.7 51.2 76.8



#2

Dichlorodifluoromethane

Concen: 70.509 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.006 min

Lab File: VN085241.D

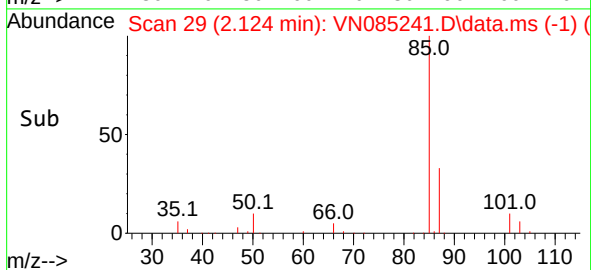
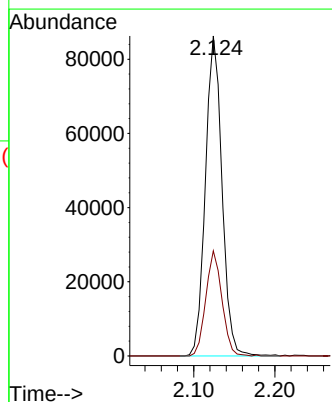
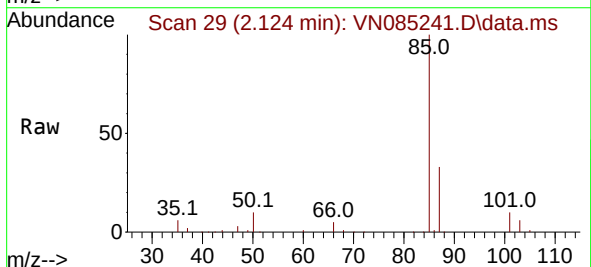
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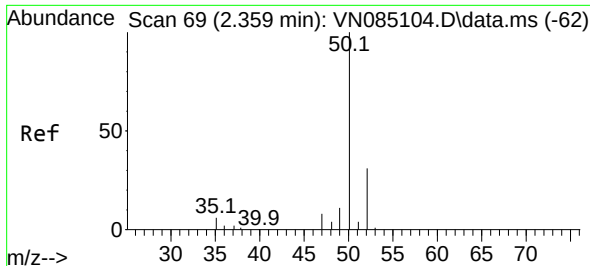
Tgt Ion: 85 Resp: 122369

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.1

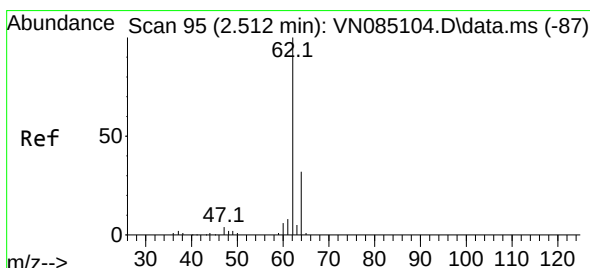
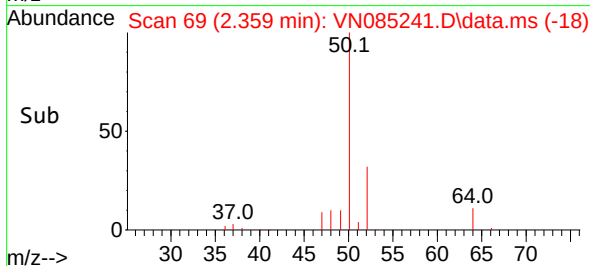
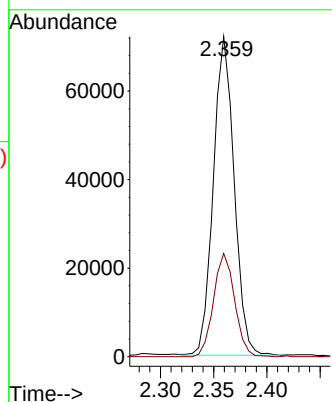
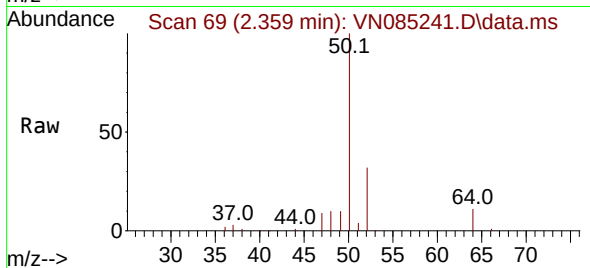




#3  
Chloromethane  
Concen: 48.492 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

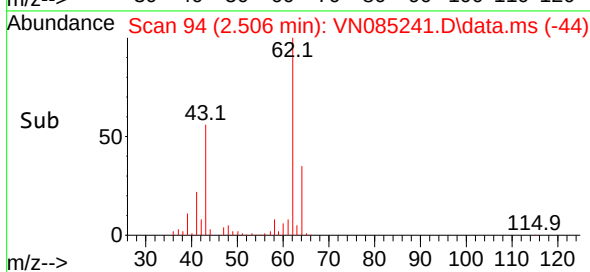
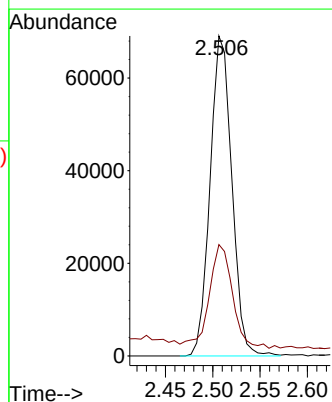
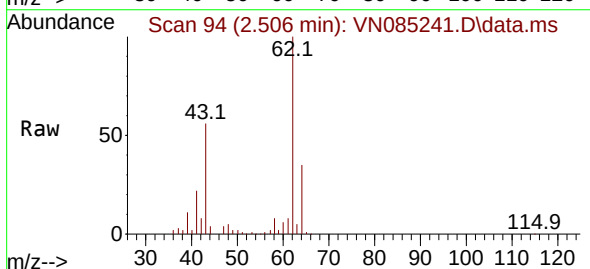
Instrument :  
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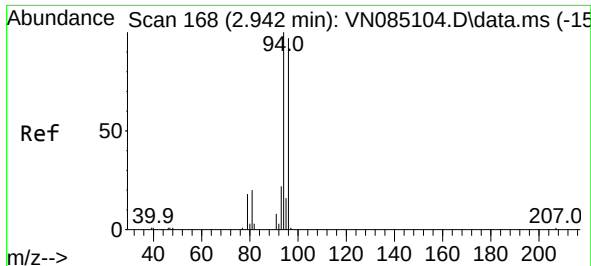
Tgt Ion: 50 Resp: 97611  
Ion Ratio Lower Upper  
50 100  
52 32.4 27.8 41.8



#4  
Vinyl Chloride  
Concen: 61.087 ug/l  
RT: 2.506 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 62 Resp: 110503  
Ion Ratio Lower Upper  
62 100  
64 32.3 24.6 36.8

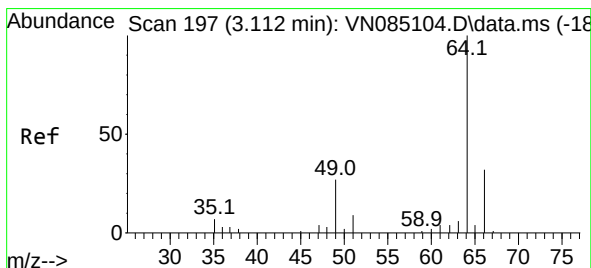
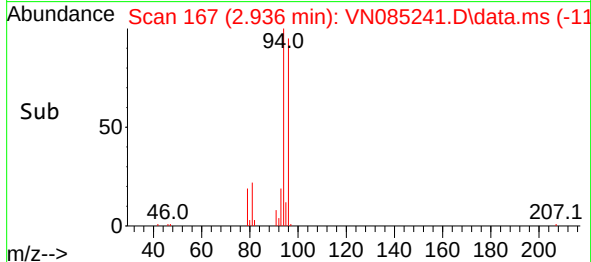
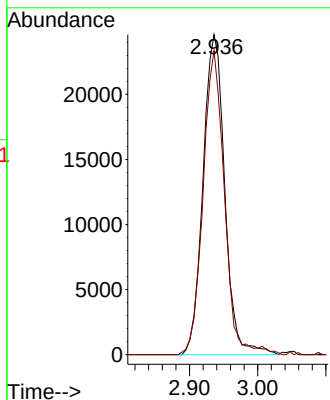
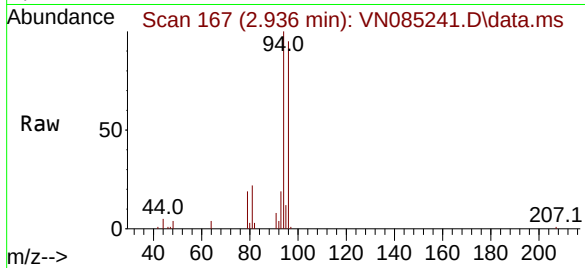




#5  
Bromomethane  
Concen: 53.848 ug/l  
RT: 2.936 min Scan# 1  
Delta R.T. 0.035 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

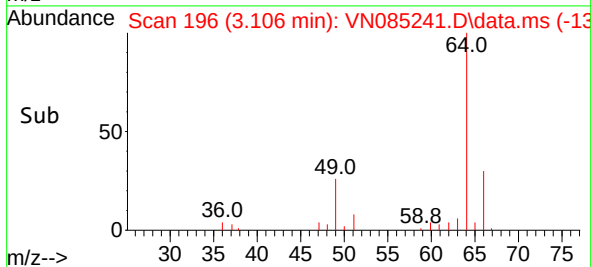
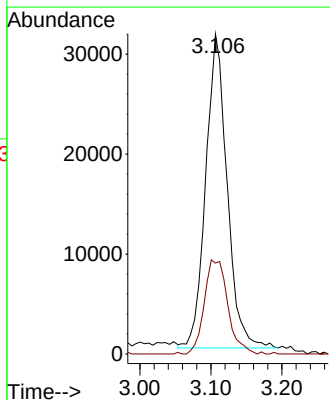
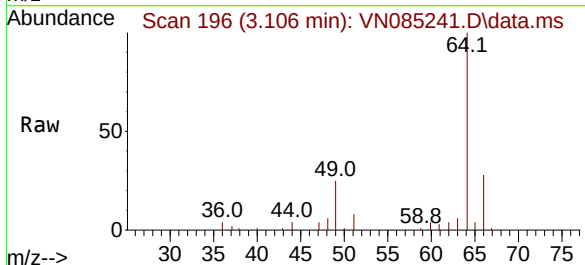
Instrument :  
MSVOA\_N  
ClientSampleId :

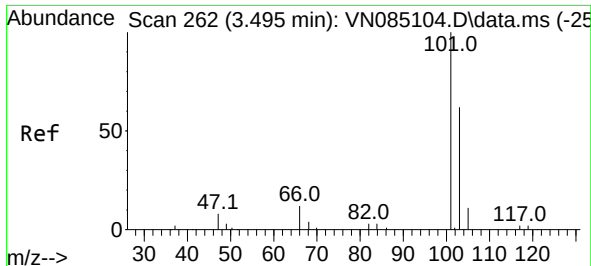
Tgt Ion: 94 Resp: 54597  
Ion Ratio Lower Upper  
94 100  
96 95.0 78.7 118.1



#6  
Chloroethane  
Concen: 53.960 ug/l  
RT: 3.106 min Scan# 196  
Delta R.T. 0.041 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 64 Resp: 65793  
Ion Ratio Lower Upper  
64 100  
66 28.9 24.4 36.6

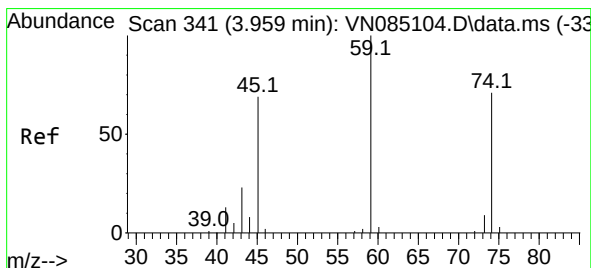
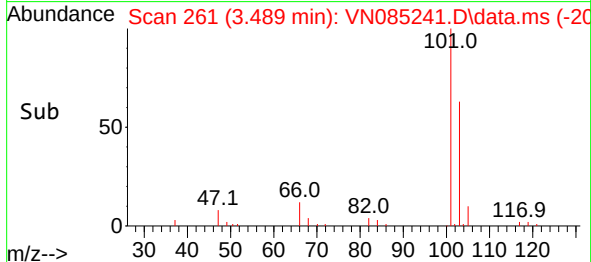
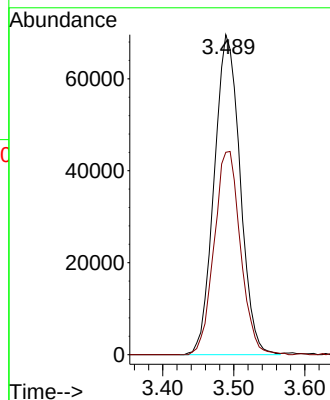
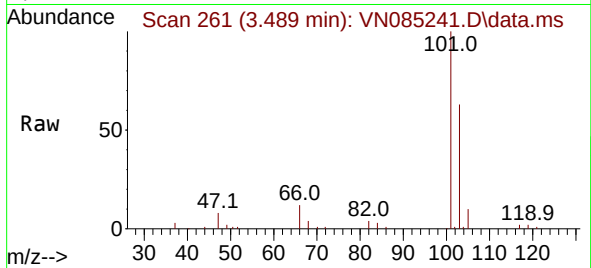




#7  
 Trichlorofluoromethane  
 Concen: 57.297 ug/l  
 RT: 3.489 min Scan# 262  
 Delta R.T. 0.029 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

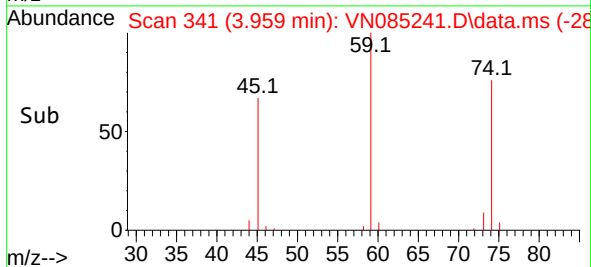
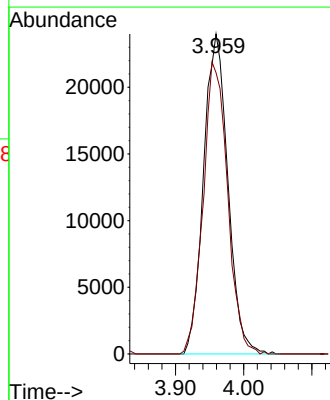
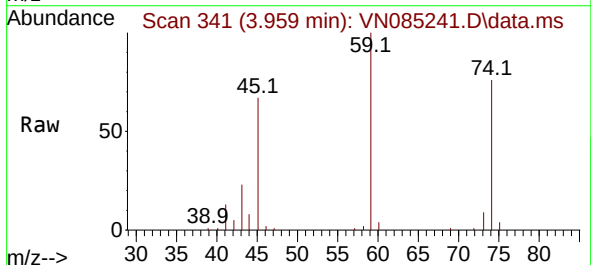
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:101 Resp: 176316  
 Ion Ratio Lower Upper  
 101 100  
 103 63.3 52.6 78.8

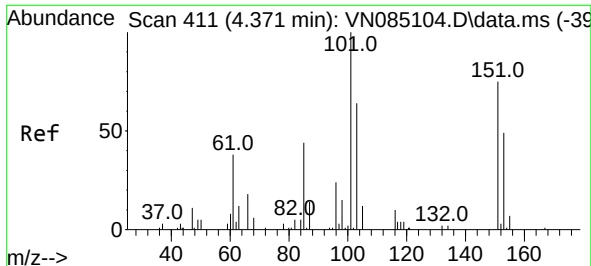


#8  
 Diethyl Ether  
 Concen: 56.835 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.012 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

Tgt Ion: 74 Resp: 59526  
 Ion Ratio Lower Upper  
 74 100  
 45 91.7 46.7 140.1



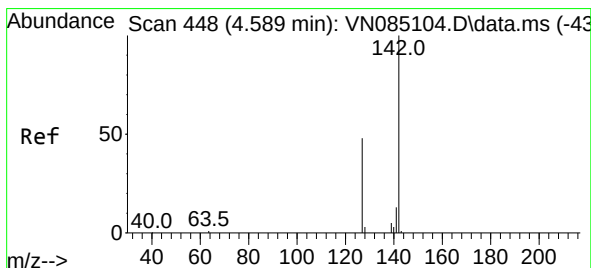
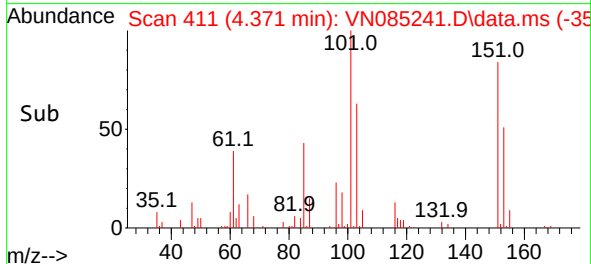
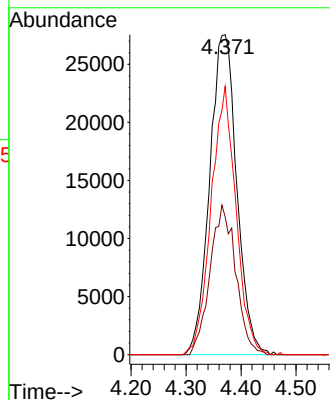
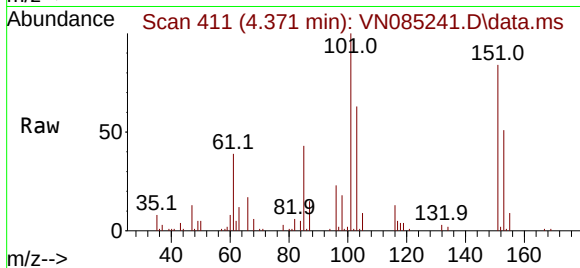




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 54.085 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.018 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

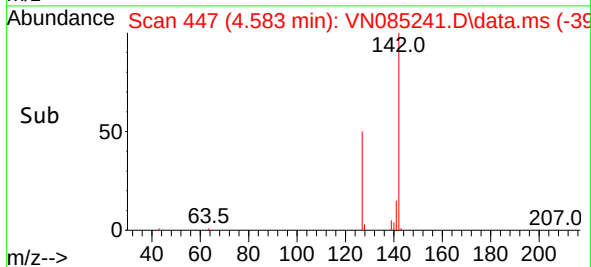
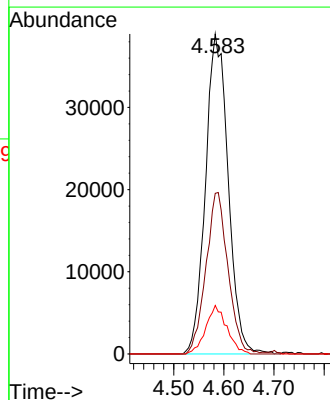
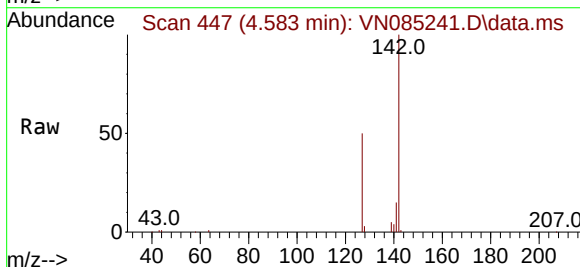
Instrument :  
MSVOA\_N  
ClientSampleId :

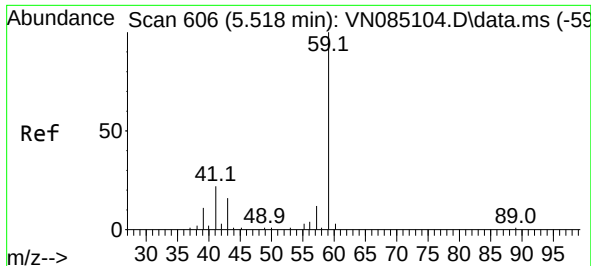
Tgt Ion:101 Resp: 94394  
Ion Ratio Lower Upper  
101 100  
85 44.4 36.9 55.3  
151 76.9 60.8 91.2



#10  
Methyl Iodide  
Concen: 53.050 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.012 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion:142 Resp: 122556  
Ion Ratio Lower Upper  
142 100  
127 50.2 36.6 54.8  
141 15.1 12.2 18.4

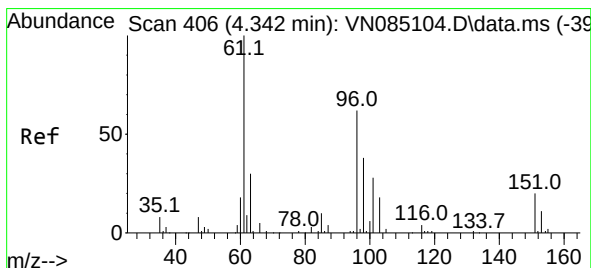
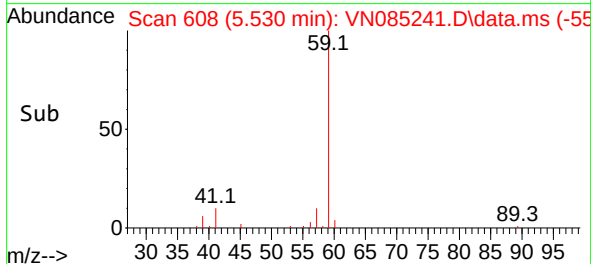
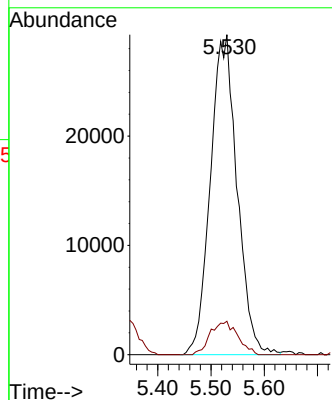
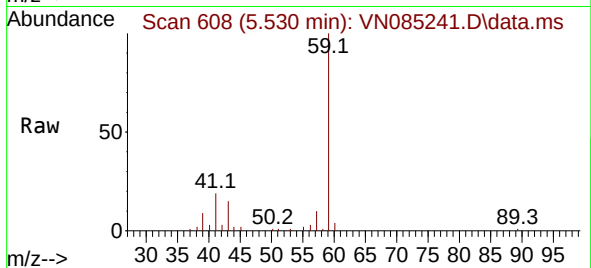




#11  
Tert butyl alcohol  
Concen: 348.422 ug/l  
RT: 5.530 min Scan# 606  
Delta R.T. -0.012 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

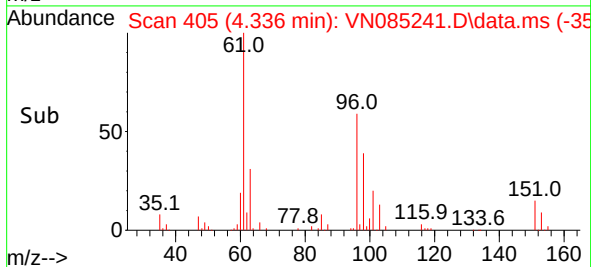
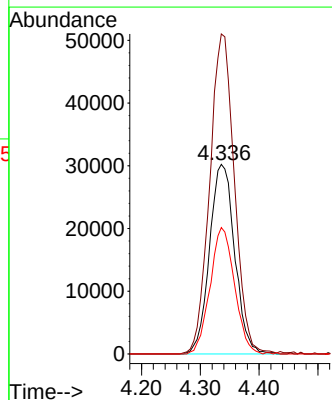
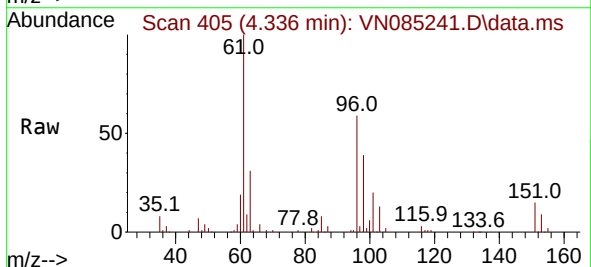
Instrument :  
MSVOA\_N  
ClientSampleId :

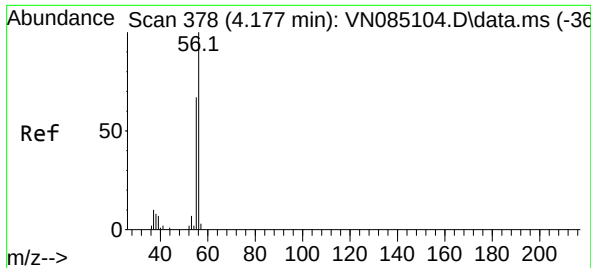
Tgt Ion: 59 Resp: 101793  
Ion Ratio Lower Upper  
59 100  
57 10.7 7.4 11.0



#12  
1,1-Dichloroethene  
Concen: 55.245 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. 0.018 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

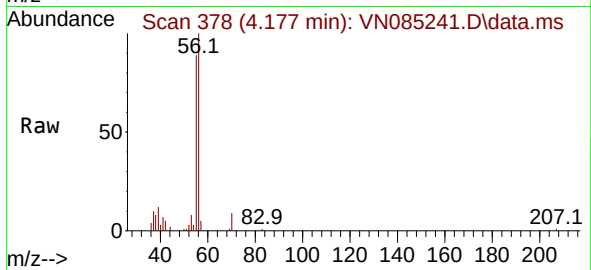
Tgt Ion: 96 Resp: 89998  
Ion Ratio Lower Upper  
96 100  
61 168.8 127.8 191.8  
98 66.6 49.2 73.8



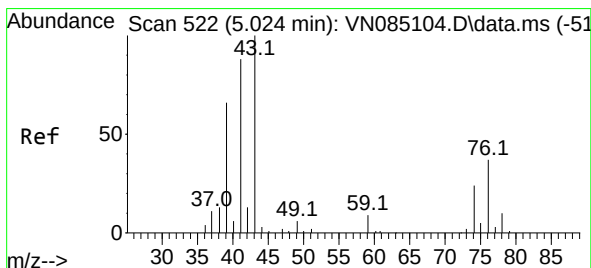
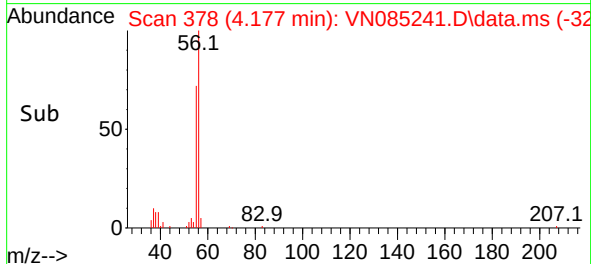
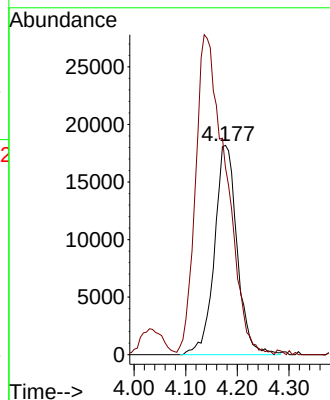


#13  
Acrolein  
Concen: 283.715 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Instrument :  
MSVOA\_N  
ClientSampleId :

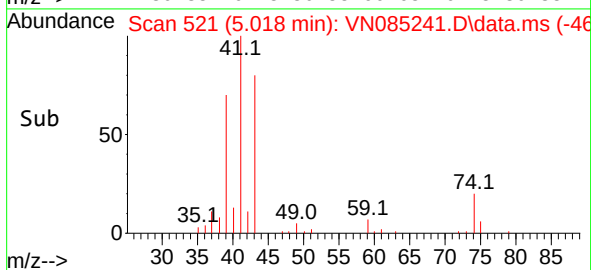
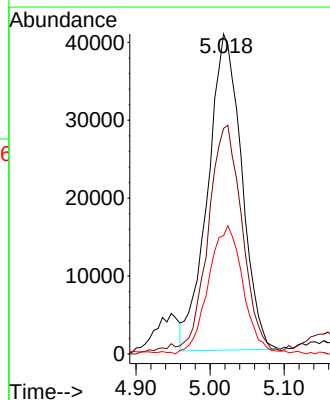
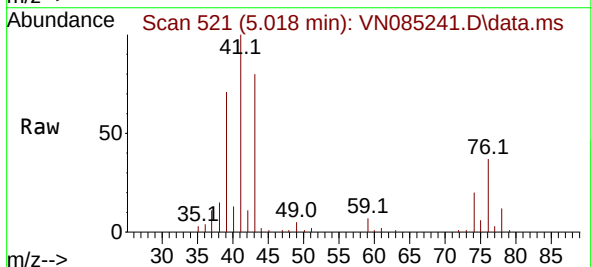


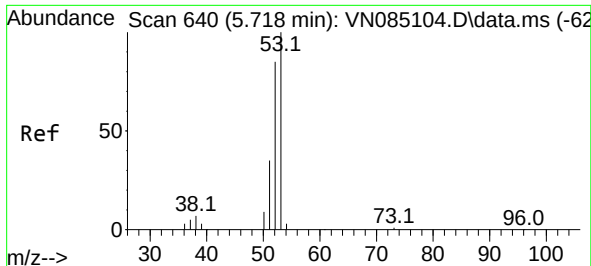
Tgt Ion: 56 Resp: 55309  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.5 81.7#



#14  
Allyl chloride  
Concen: 46.848 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.012 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

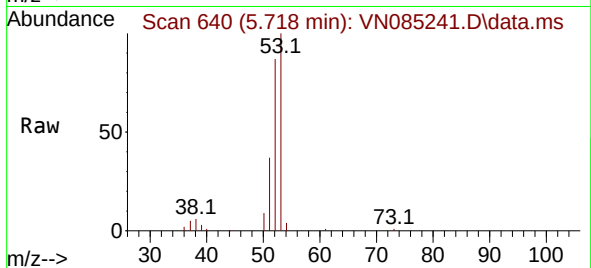
Tgt Ion: 41 Resp: 128659  
Ion Ratio Lower Upper  
41 100  
39 74.9 53.8 80.8  
76 41.5 29.3 43.9





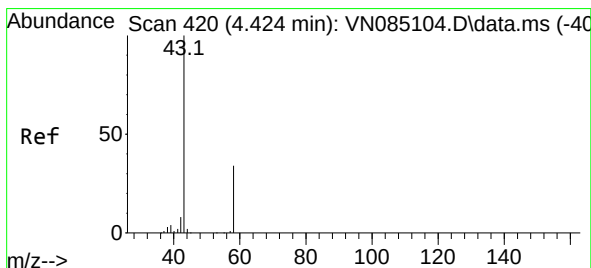
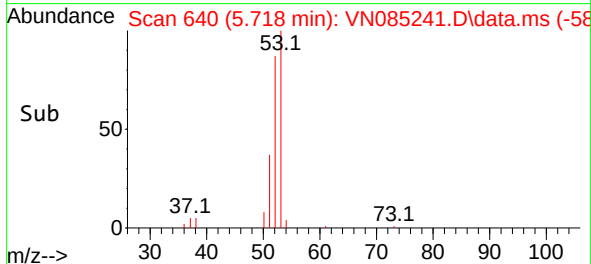
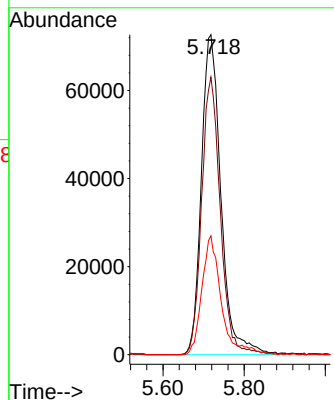
#15  
Acrylonitrile  
Concen: 294.779 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 243822

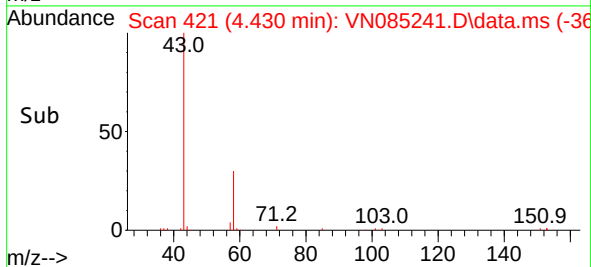
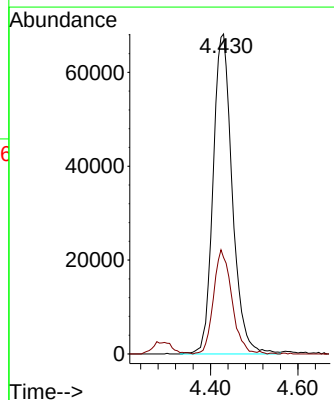
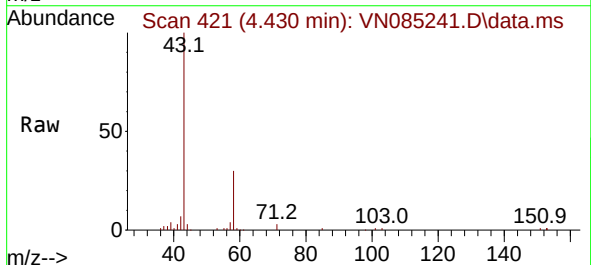
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.8  | 65.5  | 98.3  |
| 51  | 36.6  | 28.4  | 42.6  |

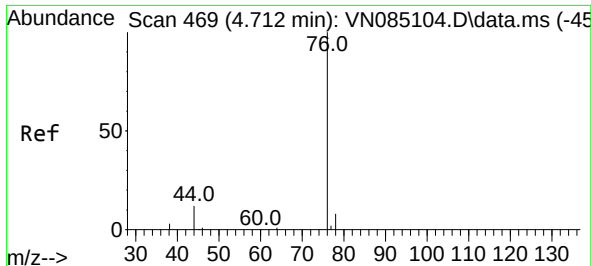


#16  
Acetone  
Concen: 325.861 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 43 Resp: 207484

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.2  | 25.4  | 38.2  |

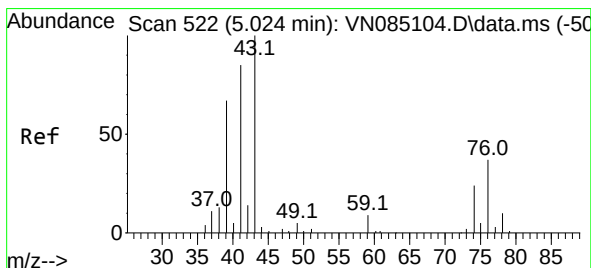
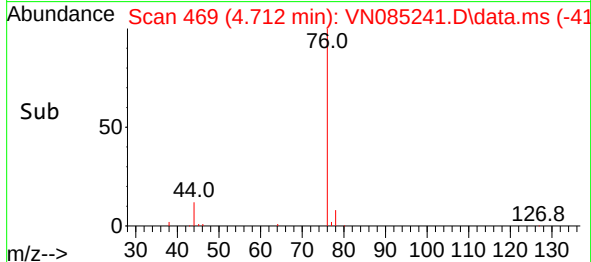
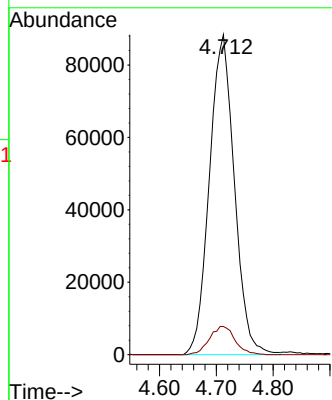
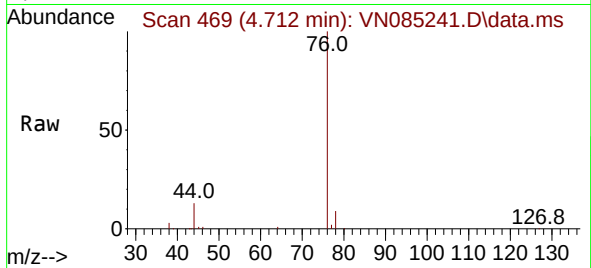




#17  
Carbon Disulfide  
Concen: 56.095 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. 0.018 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

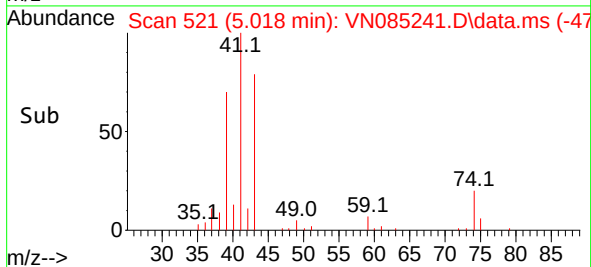
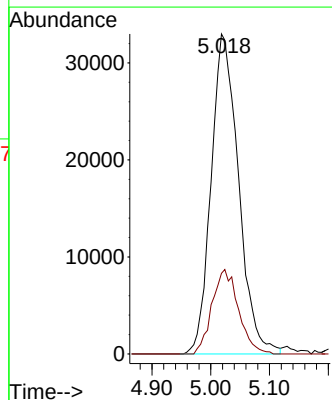
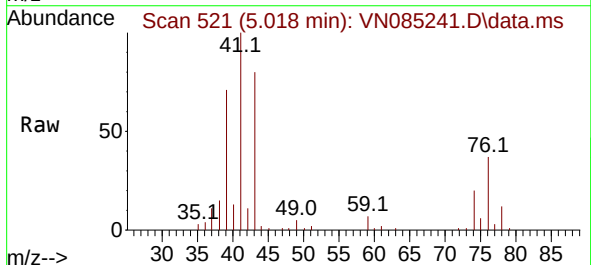
Instrument :  
MSVOA\_N  
ClientSampleId :

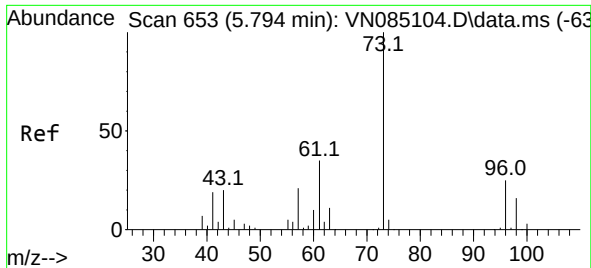
Tgt Ion: 76 Resp: 269729  
Ion Ratio Lower Upper  
76 100  
78 8.8 6.5 9.7



#18  
Methyl Acetate  
Concen: 52.562 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 43 Resp: 106850  
Ion Ratio Lower Upper  
43 100  
74 25.5 20.1 30.1

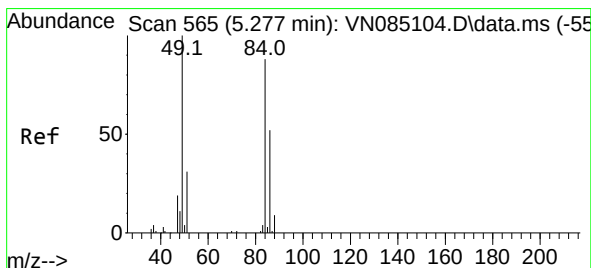
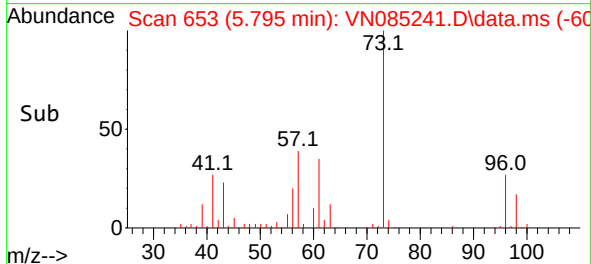
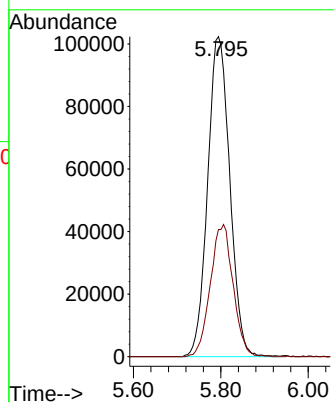
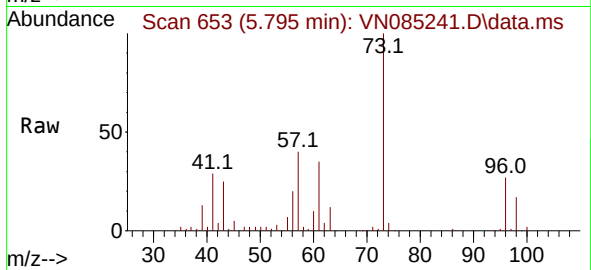




#19  
Methyl tert-butyl Ether  
Concen: 67.674 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

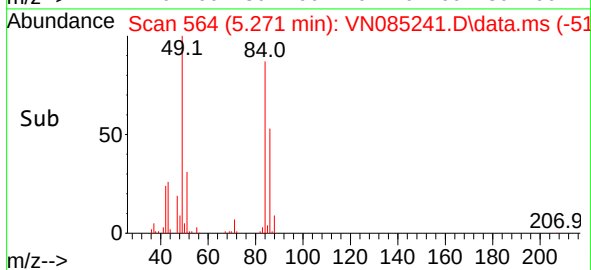
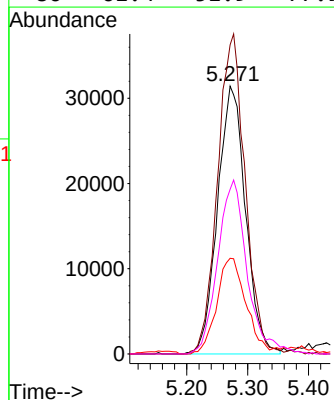
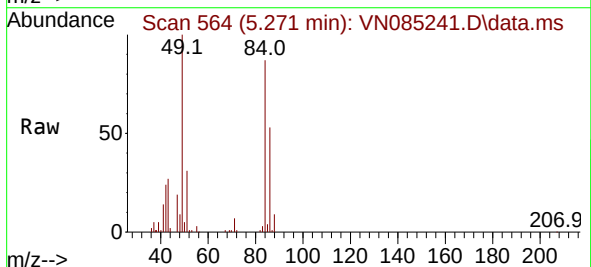
Instrument :  
MSVOA\_N  
ClientSampleId :

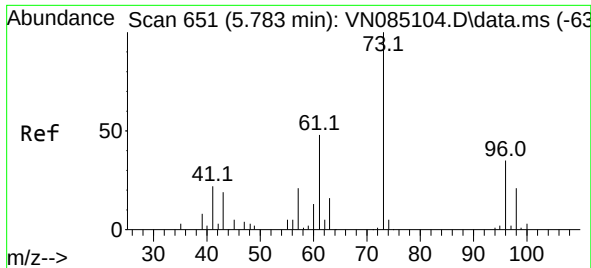
Tgt Ion: 73 Resp: 360211  
Ion Ratio Lower Upper  
73 100  
57 39.7 17.0 25.4#



#20  
Methylene Chloride  
Concen: 51.685 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 84 Resp: 100422  
Ion Ratio Lower Upper  
84 100  
49 115.4 92.7 139.1  
51 35.7 29.4 44.2  
86 61.4 51.9 77.9

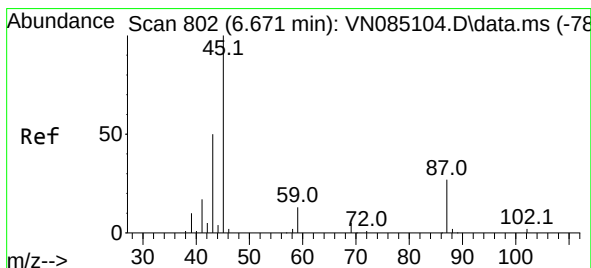
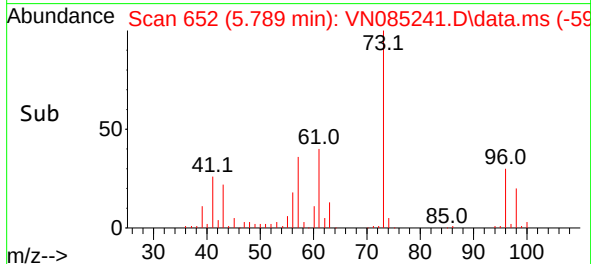
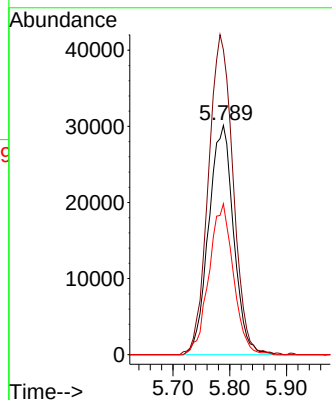
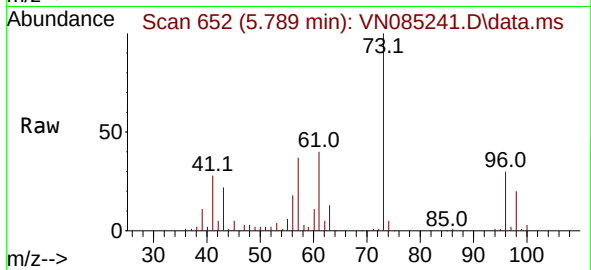




#21  
trans-1,2-Dichloroethene  
Concen: 53.623 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.018 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

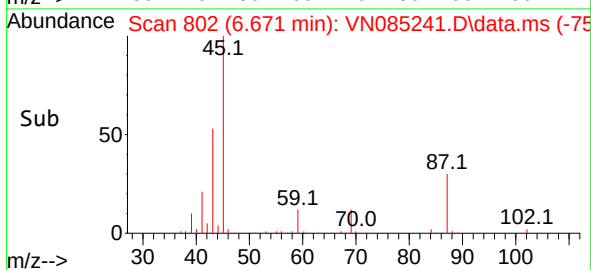
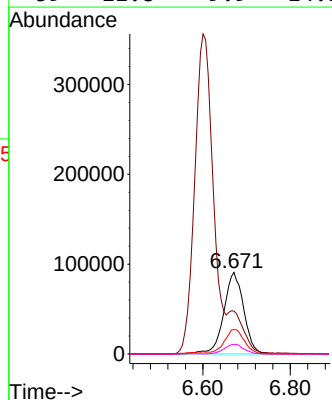
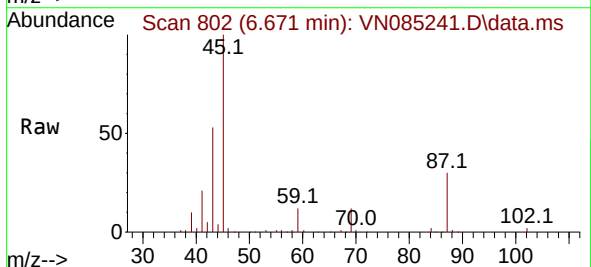
Instrument :  
MSVOA\_N  
ClientSampleId :

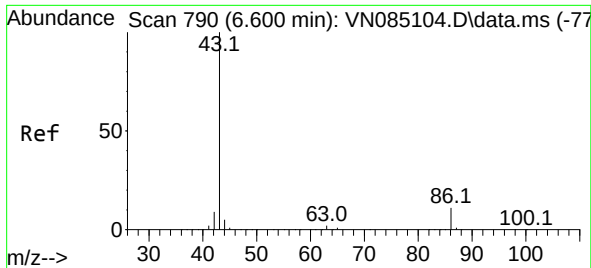
Tgt Ion: 96 Resp: 91927  
Ion Ratio Lower Upper  
96 100  
61 132.9 100.7 151.1  
98 65.8 45.8 68.6



#22  
Diisopropyl ether  
Concen: 51.907 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 45 Resp: 286903  
Ion Ratio Lower Upper  
45 100  
43 51.5 42.7 64.1  
87 29.8 22.6 34.0  
59 11.8 9.9 14.9

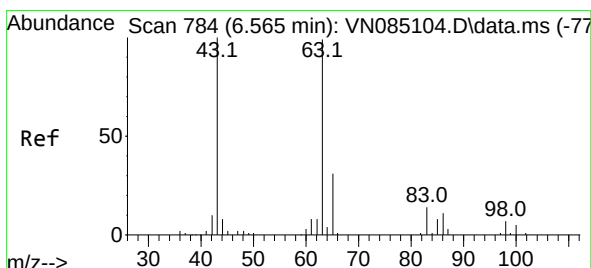
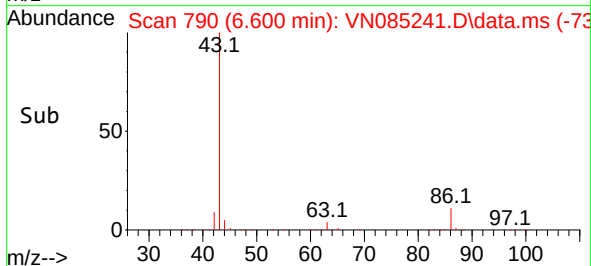
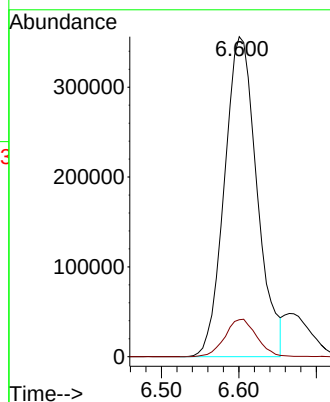
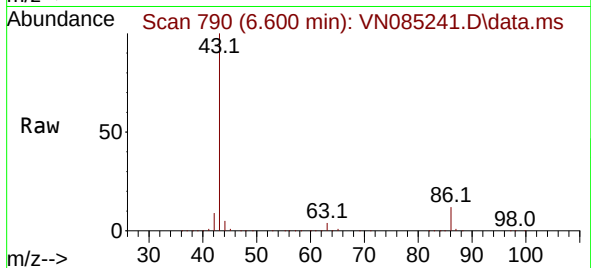




#23  
 Vinyl Acetate  
 Concen: 273.278 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

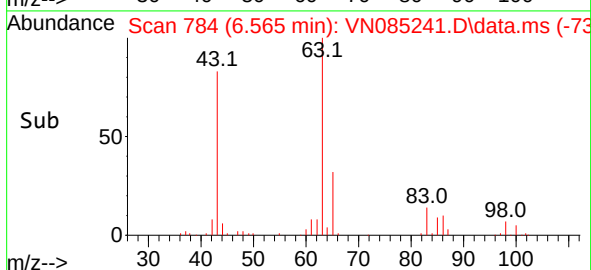
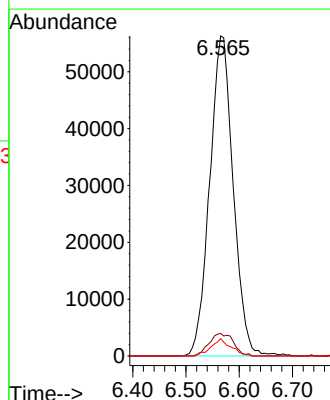
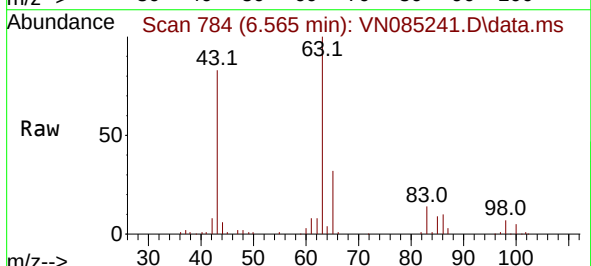
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 1042059  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 8.9 13.3

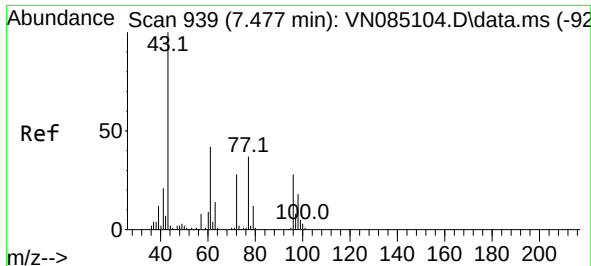


#24  
 1,1-Dichloroethane  
 Concen: 52.137 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.012 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

Tgt Ion: 63 Resp: 172452  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.3 9.8  
 100 5.4 2.2 6.6







#25

2-Butanone

Concen: 305.265 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

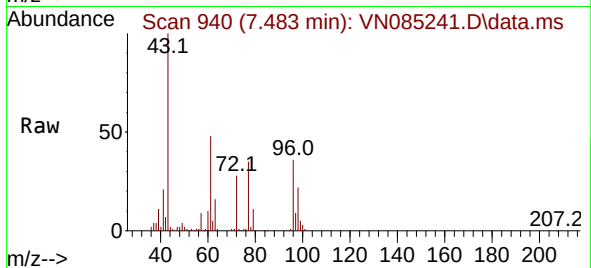
Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

ClientSampleId :

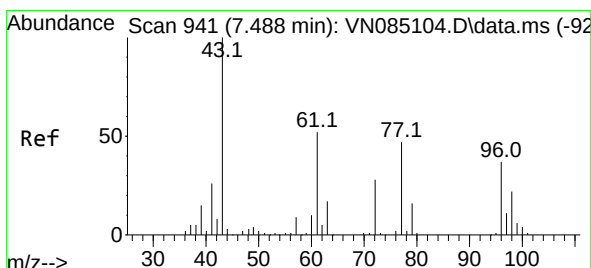
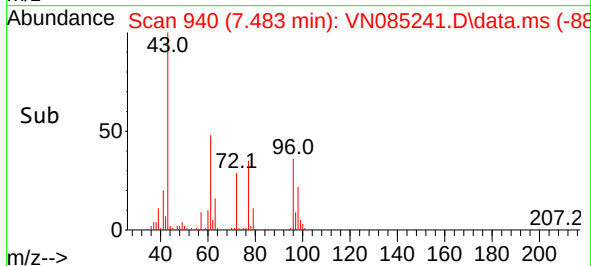
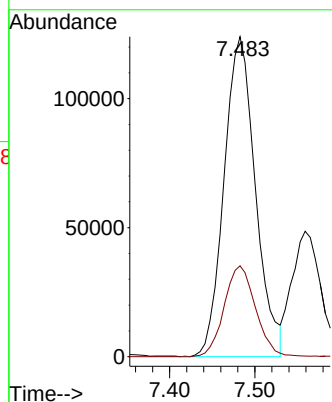


Tgt Ion: 43 Resp: 317779

Ion Ratio Lower Upper

43 100

72 28.4 21.4 32.0



#26

2,2-Dichloropropane

Concen: 41.635 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN085241.D

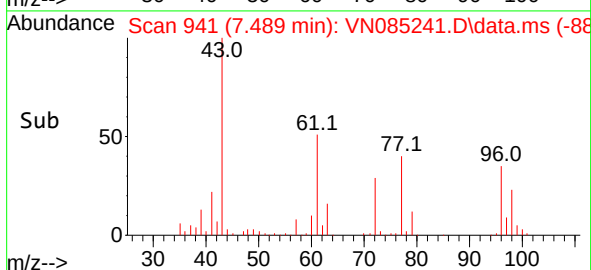
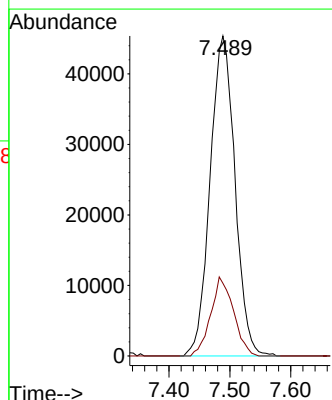
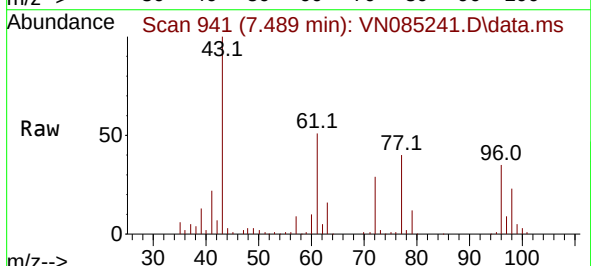
Acq: 17 Dec 2024 21:59

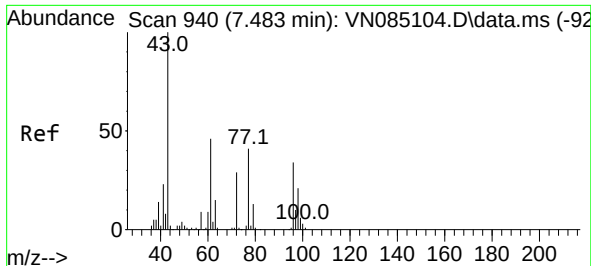
Tgt Ion: 77 Resp: 128596

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.7

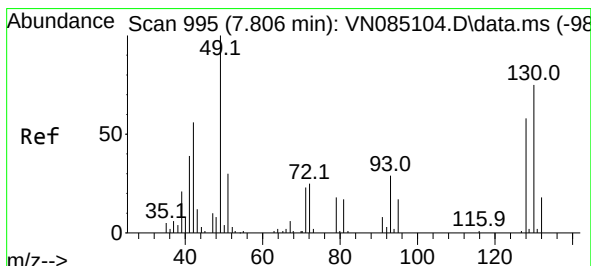
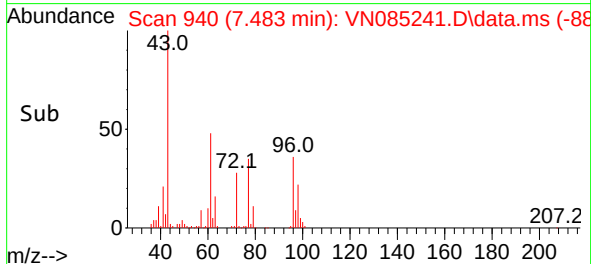
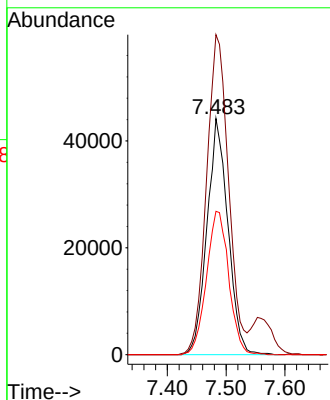
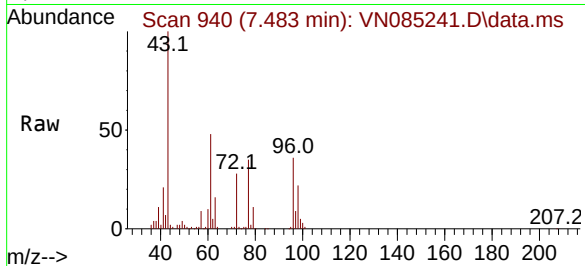




#27  
 cis-1,2-Dichloroethene  
 Concen: 53.040 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.006 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

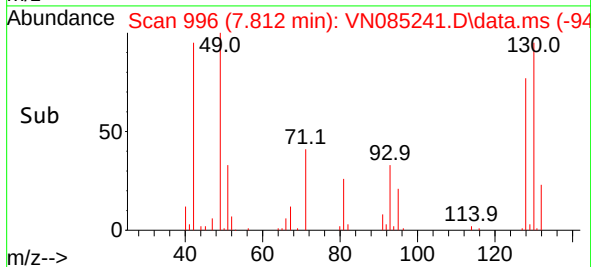
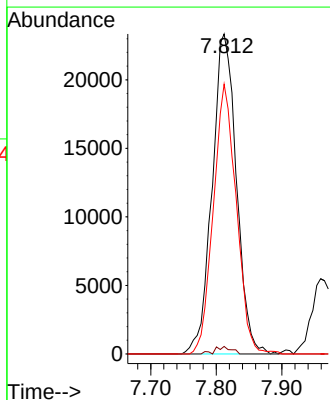
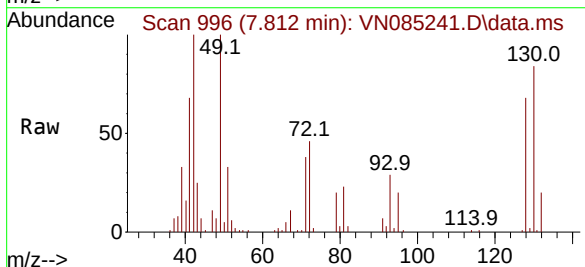
Instrument :  
 MSVOA\_N  
 ClientSampleId :

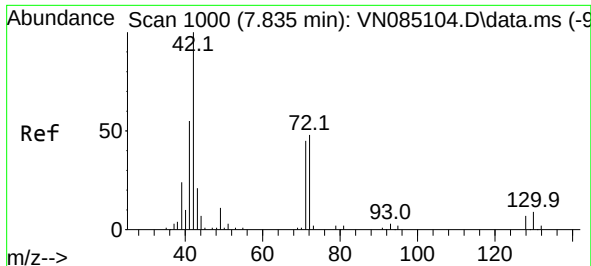
Tgt Ion: 96 Resp: 109618  
 Ion Ratio Lower Upper  
 96 100  
 61 142.4 0.0 291.6  
 98 64.7 0.0 129.8



#28  
 Bromochloromethane  
 Concen: 48.126 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

Tgt Ion: 49 Resp: 60090  
 Ion Ratio Lower Upper  
 49 100  
 129 1.6 0.0 4.0  
 130 79.7 60.6 90.8





#29

Tetrahydrofuran

Concen: 317.738 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

ClientSampleId :

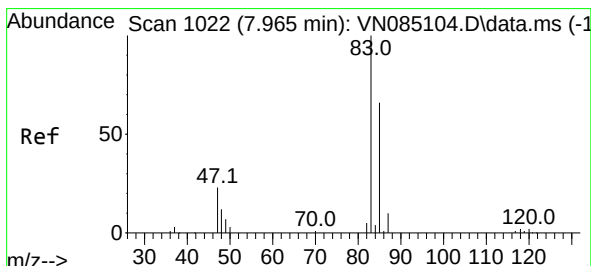
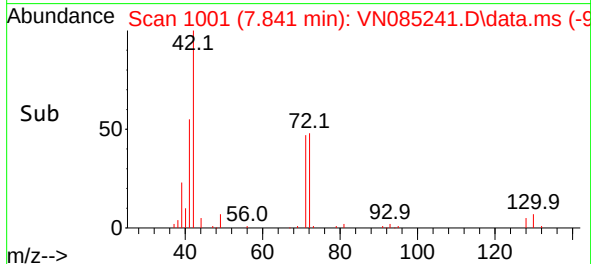
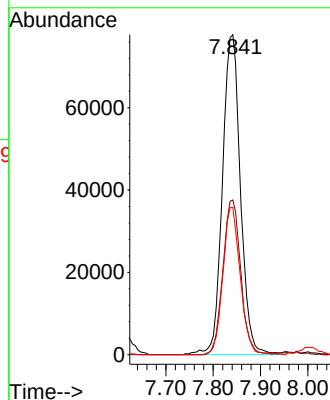
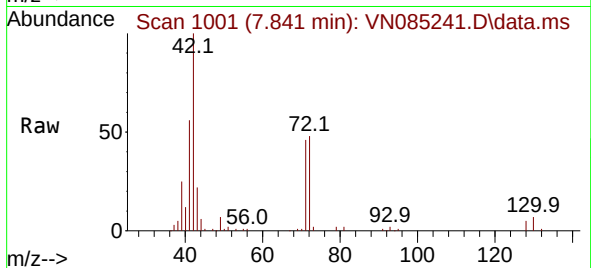
Tgt Ion: 42 Resp: 205691

Ion Ratio Lower Upper

42 100

72 47.7 37.0 55.4

71 44.3 35.0 52.4



#30

Chloroform

Concen: 52.871 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085241.D

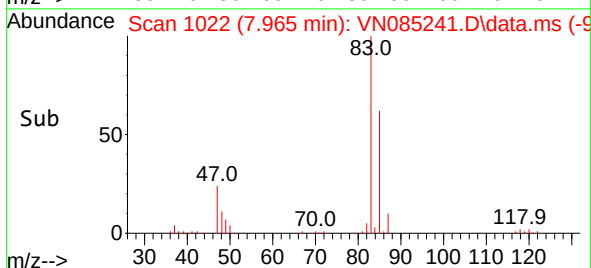
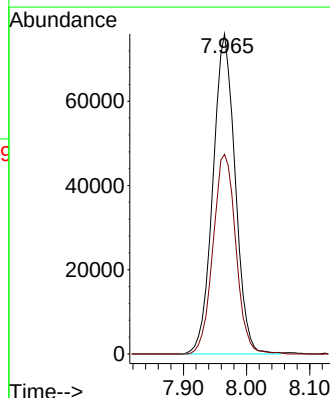
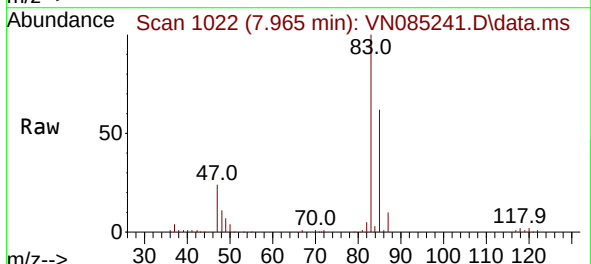
Acq: 17 Dec 2024 21:59

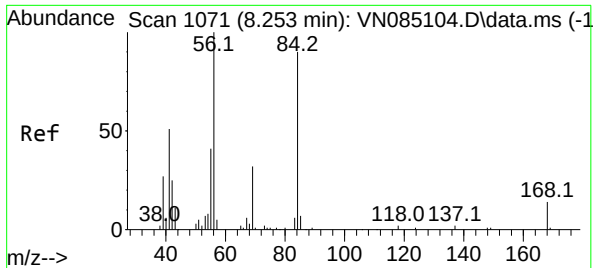
Tgt Ion: 83 Resp: 186028

Ion Ratio Lower Upper

83 100

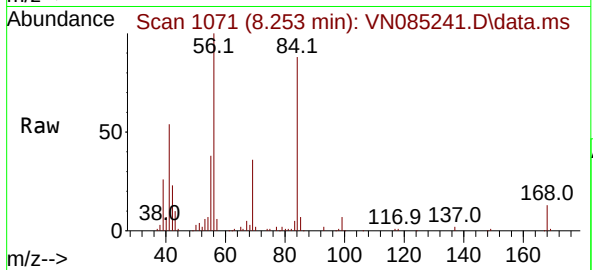
85 62.4 52.6 78.8



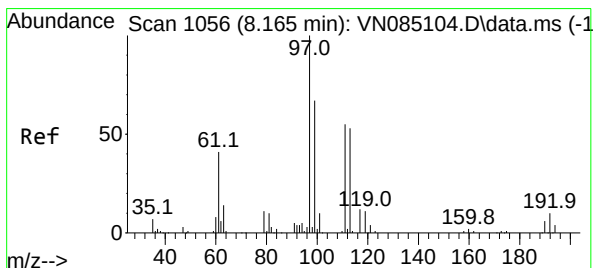
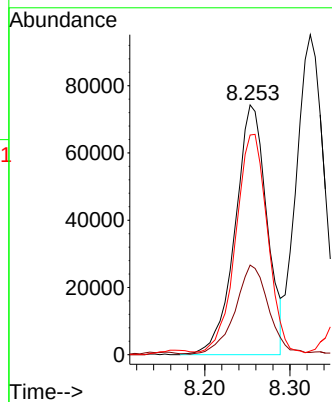
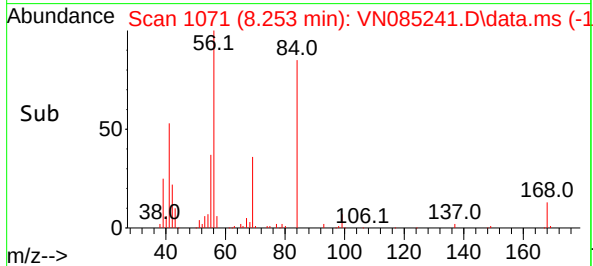


#31  
Cyclohexane  
Concen: 66.208 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Instrument :  
MSVOA\_N  
ClientSampleId :

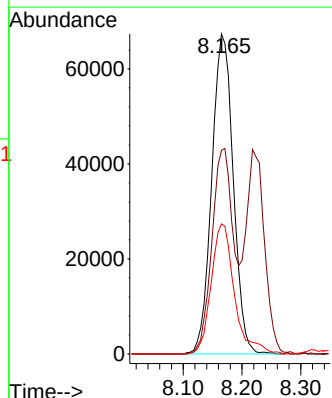
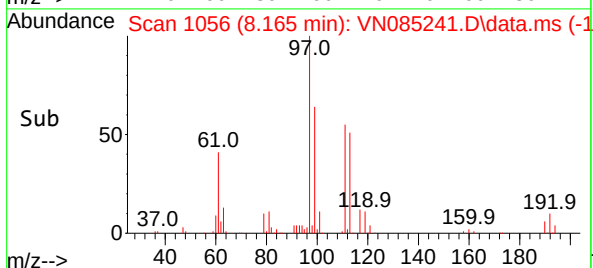
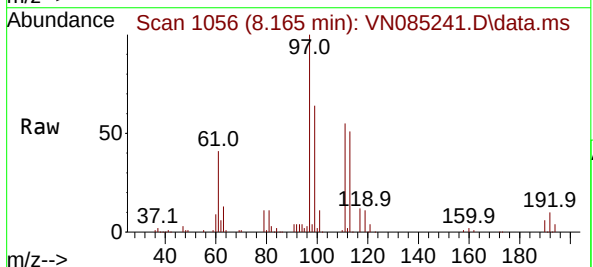


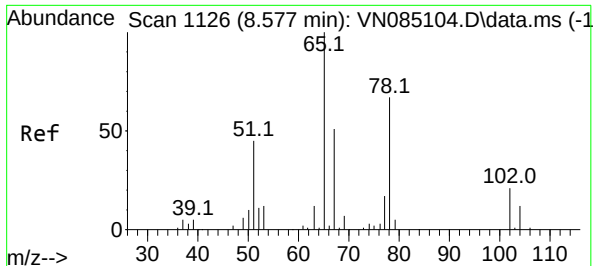
Tgt Ion: 56 Resp: 192814  
Ion Ratio Lower Upper  
56 100  
69 35.5 24.6 36.8  
84 86.2 71.4 107.2



#32  
1,1,1-Trichloroethane  
Concen: 53.744 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 97 Resp: 170881  
Ion Ratio Lower Upper  
97 100  
99 63.6 51.0 76.4  
61 43.9 36.2 54.2

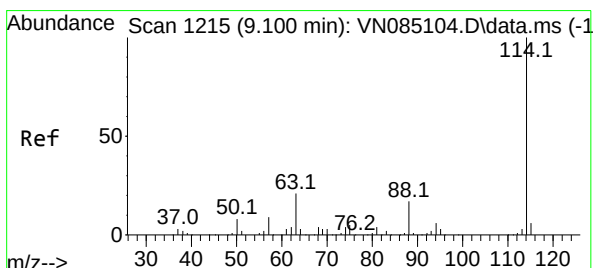
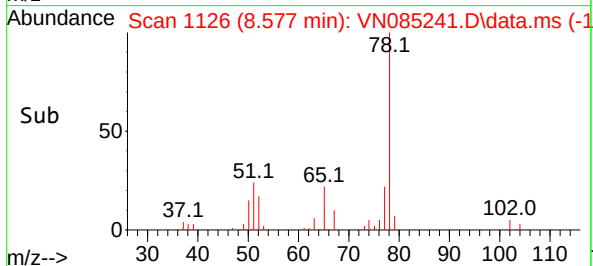
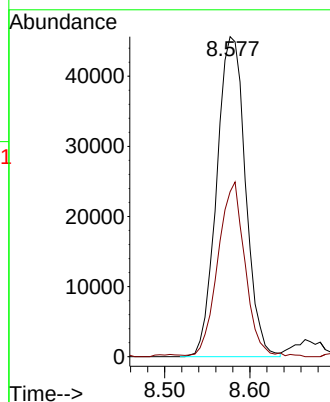
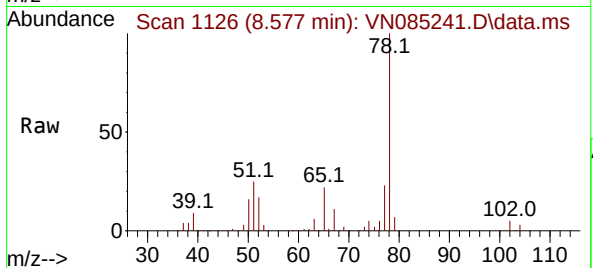




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.935 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. 0.006 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

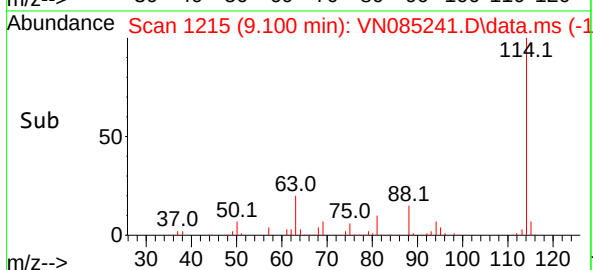
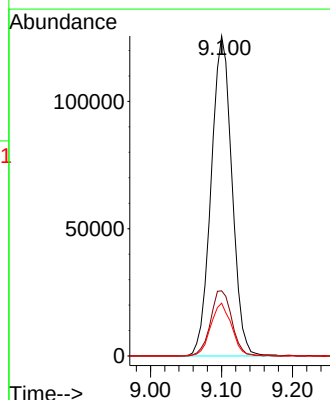
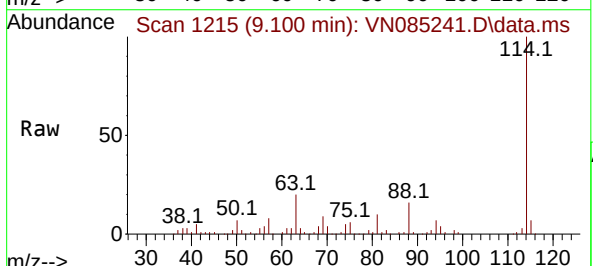
Instrument :  
 MSVOA\_N  
 ClientSampleId :

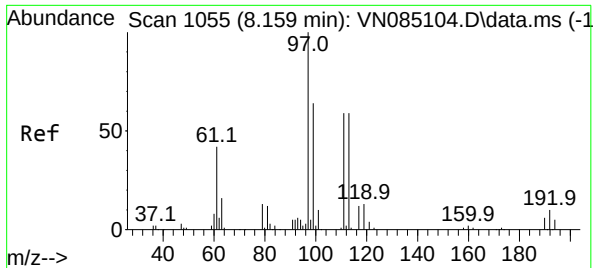
Tgt Ion: 65 Resp: 106984  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.006 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

Tgt Ion: 114 Resp: 255174  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 41.0  
 88 16.5 0.0 34.8

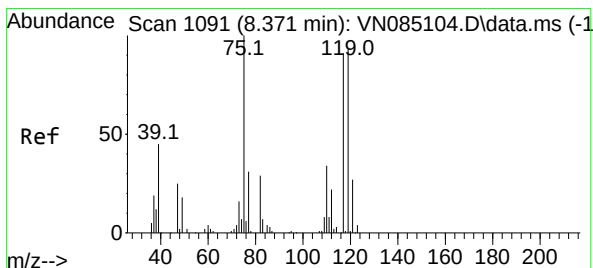
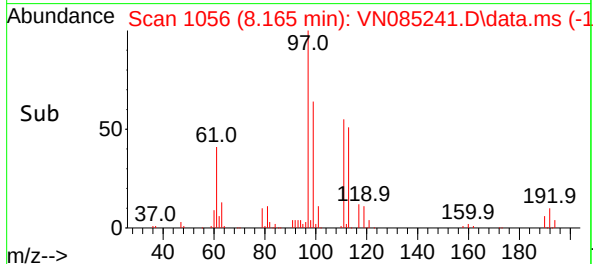
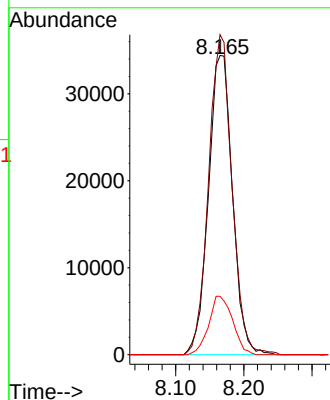
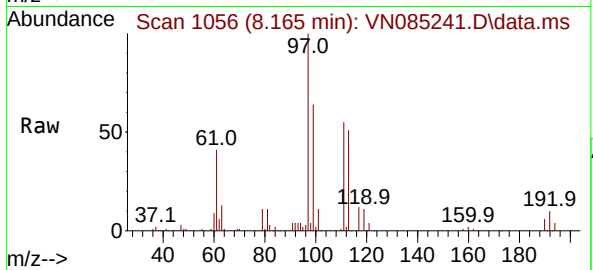




#35  
 Dibromofluoromethane  
 Concen: 49.125 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. 0.006 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

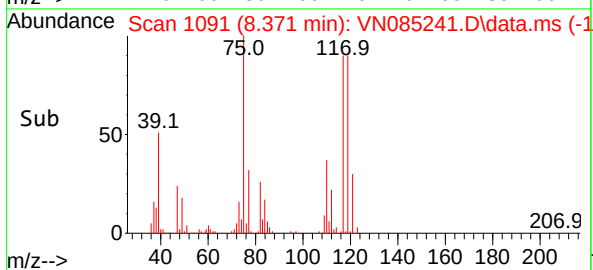
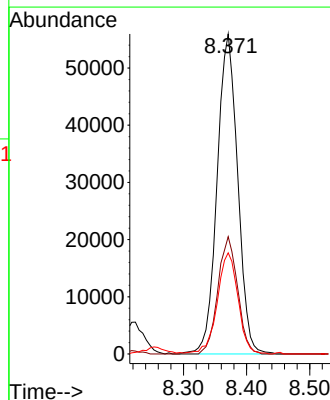
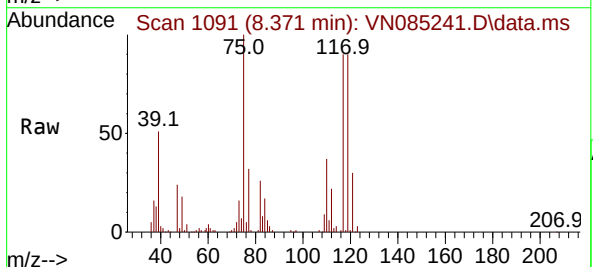
Instrument :  
 MSVOA\_N  
 ClientSampleId :

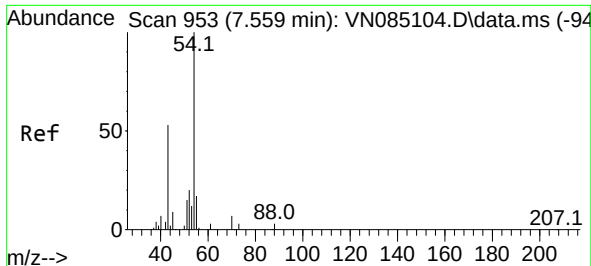
Tgt Ion:113 Resp: 84535  
 Ion Ratio Lower Upper  
 113 100  
 111 103.7 82.0 123.0  
 192 19.4 14.8 22.2



#36  
 1,1-Dichloropropene  
 Concen: 54.395 ug/l  
 RT: 8.371 min Scan# 1091  
 Delta R.T. 0.006 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

Tgt Ion: 75 Resp: 126785  
 Ion Ratio Lower Upper  
 75 100  
 110 35.0 17.2 51.6  
 77 31.8 24.2 36.4





#37

Ethyl Acetate

Concen: 55.450 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

ClientSampleId :

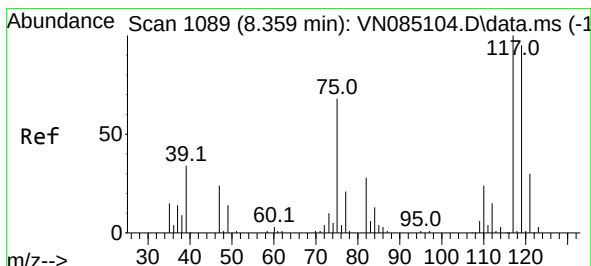
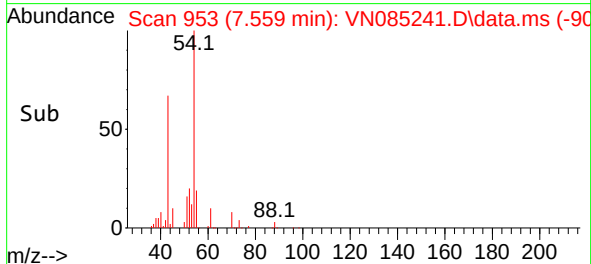
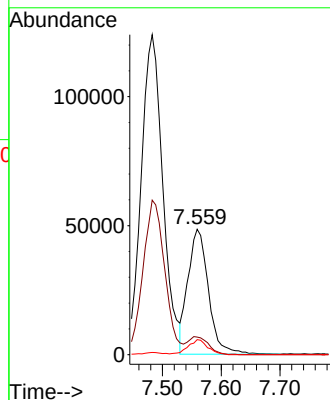
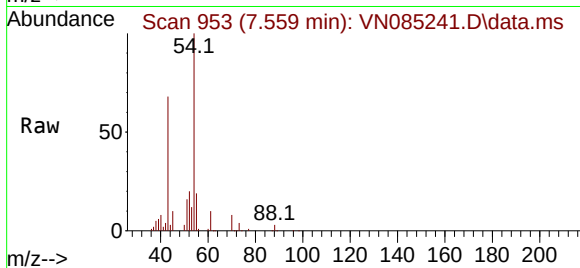
Tgt Ion: 43 Resp: 117497

Ion Ratio Lower Upper

43 100

61 14.4 11.7 17.5

70 11.5 9.3 13.9



#38

Carbon Tetrachloride

Concen: 57.023 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

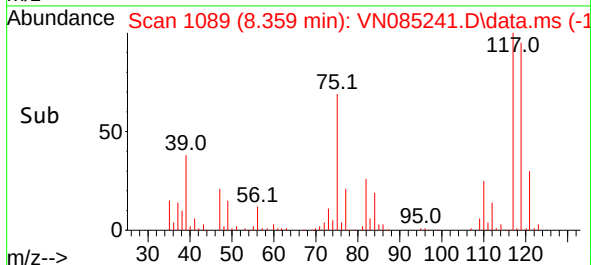
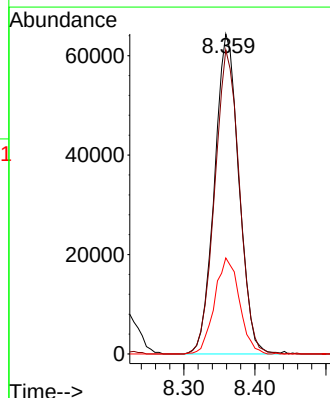
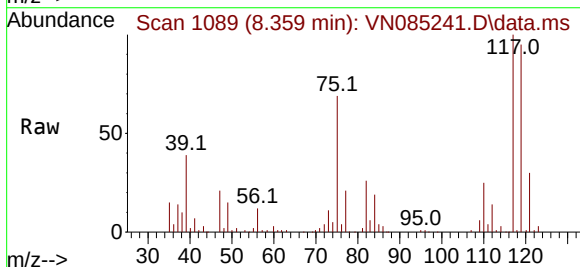
Tgt Ion: 117 Resp: 153419

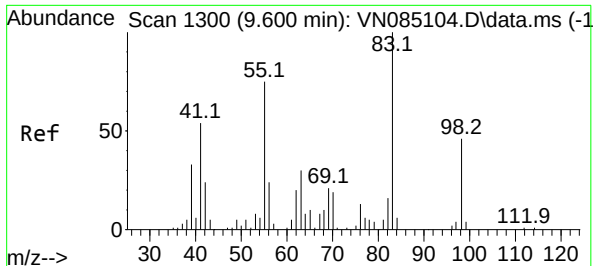
Ion Ratio Lower Upper

117 100

119 95.0 78.6 117.8

121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 85.963 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

ClientSampleId :

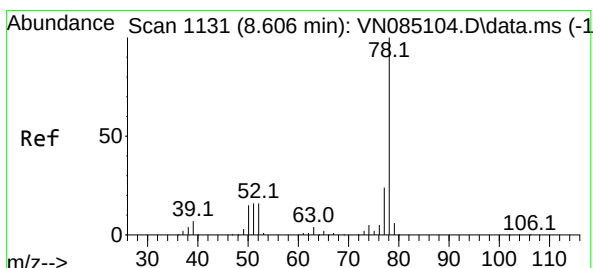
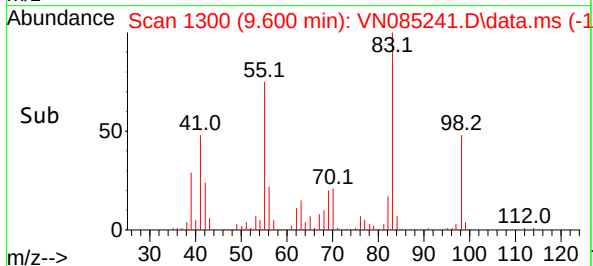
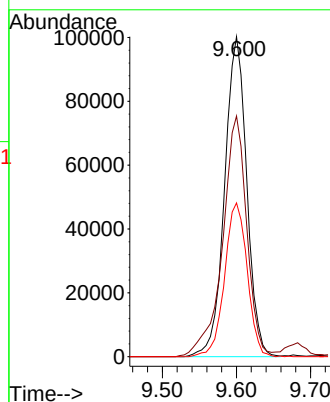
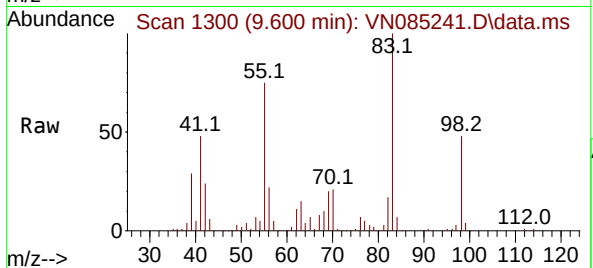
Tgt Ion: 83 Resp: 208206

Ion Ratio Lower Upper

83 100

55 74.9 61.8 92.6

98 48.0 37.0 55.6



#40

Benzene

Concen: 384.499 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085241.D

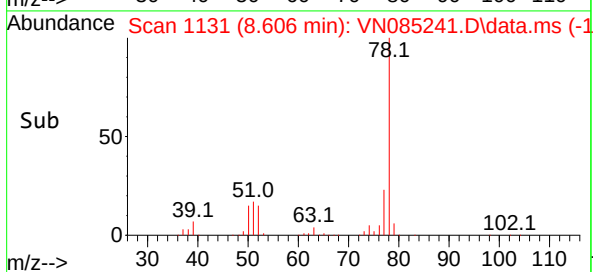
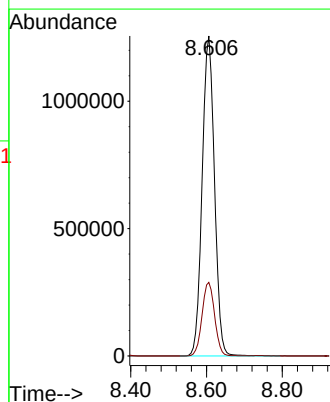
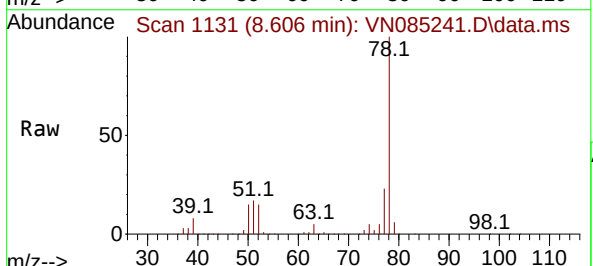
Acq: 17 Dec 2024 21:59

Tgt Ion: 78 Resp: 2834507

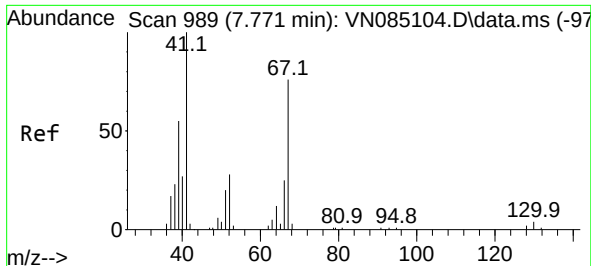
Ion Ratio Lower Upper

78 100

77 23.0 18.5 27.7





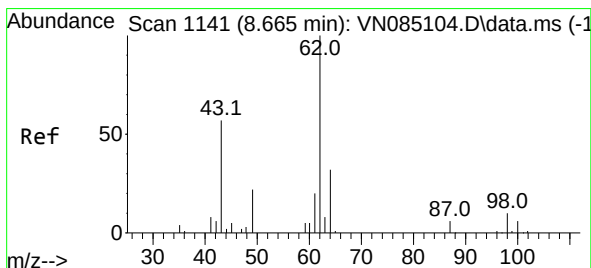
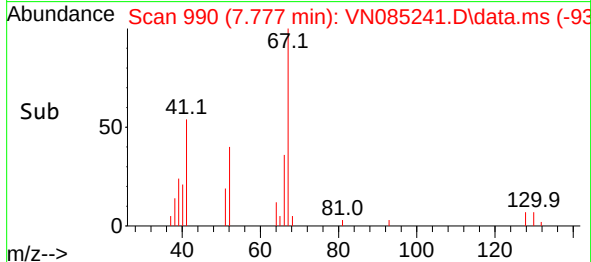
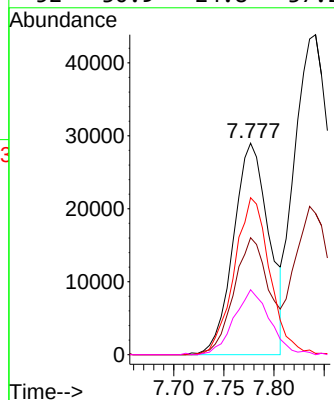
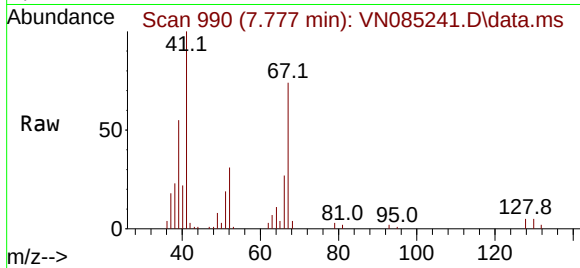


#41  
Methacrylonitrile  
Concen: 61.113 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 41 Resp: 71699

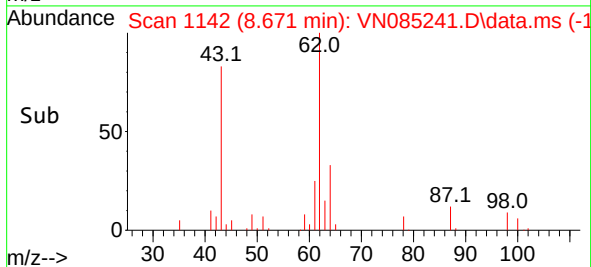
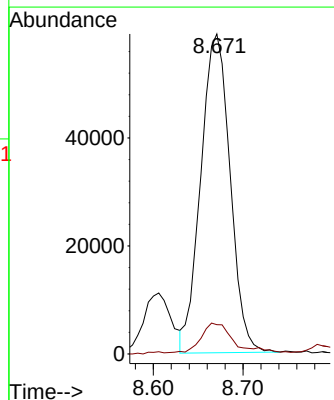
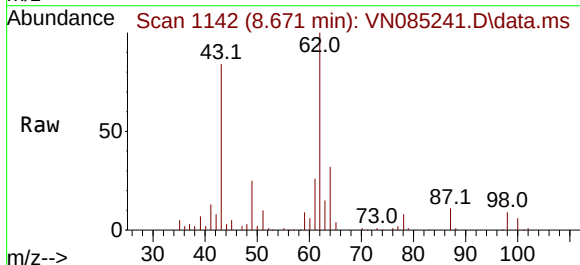
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.6  | 42.6  | 63.8  |
| 67  | 74.5  | 59.9  | 89.9  |
| 52  | 30.9  | 24.8  | 37.2  |

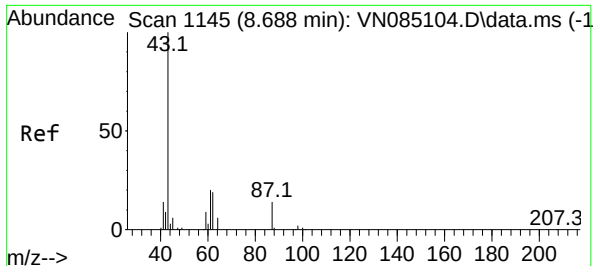


#42  
1,2-Dichloroethane  
Concen: 53.070 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 62 Resp: 133843

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.5  | 0.0   | 18.2  |

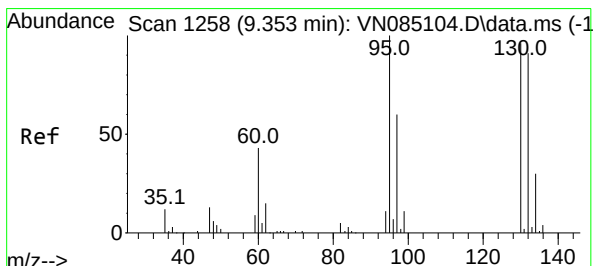
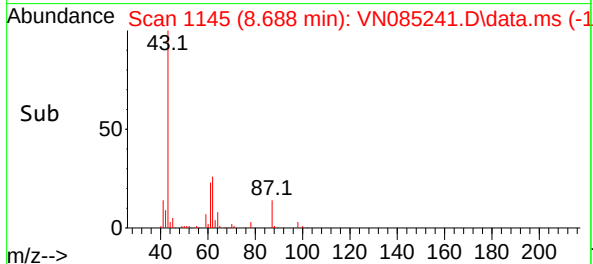
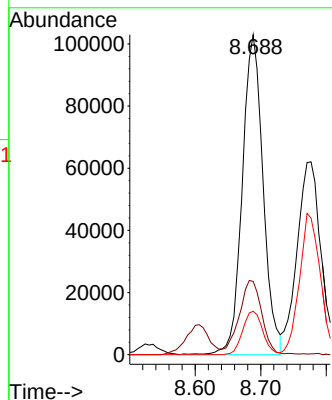
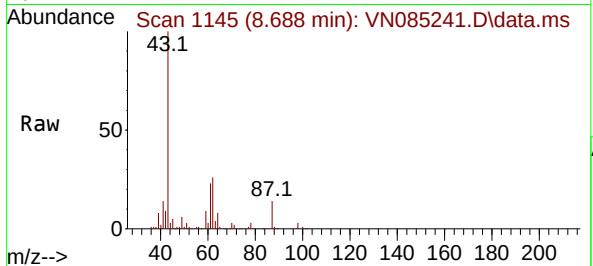




#43  
Isopropyl Acetate  
Concen: 51.726 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

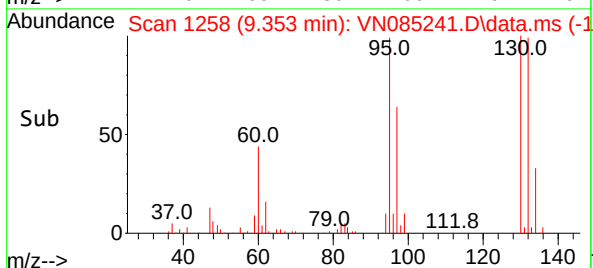
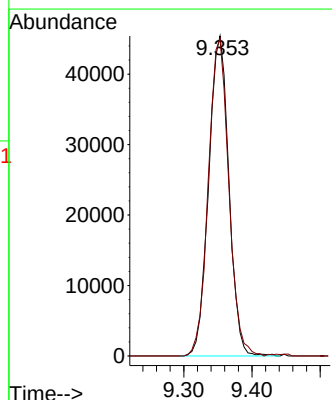
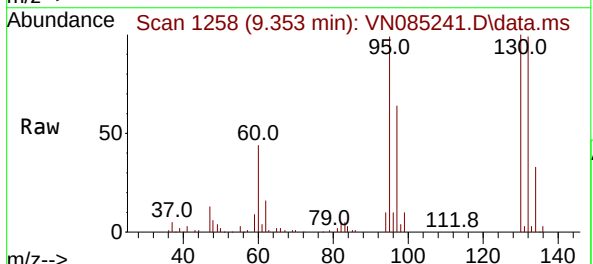
Instrument :  
MSVOA\_N  
ClientSampleId :

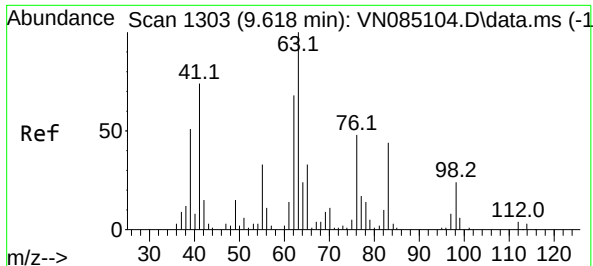
Tgt Ion: 43 Resp: 227670  
Ion Ratio Lower Upper  
43 100  
61 24.8 20.6 30.8  
87 13.1 11.0 16.4



#44  
Trichloroethene  
Concen: 54.656 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion:130 Resp: 93636  
Ion Ratio Lower Upper  
130 100  
95 99.1 0.0 213.4





#45

1,2-Dichloropropane

Concen: 50.745 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

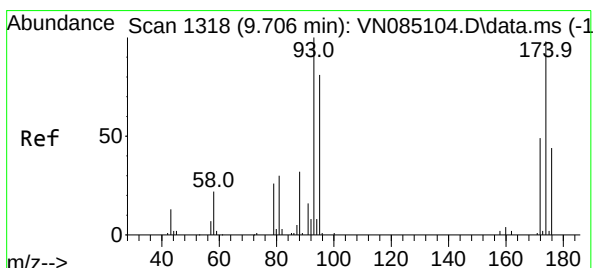
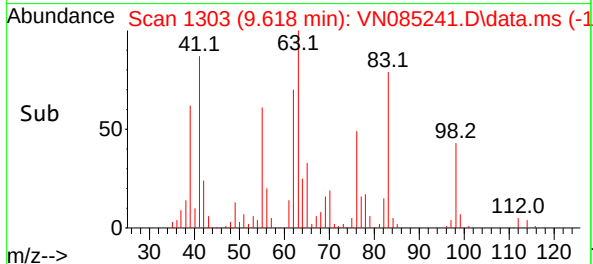
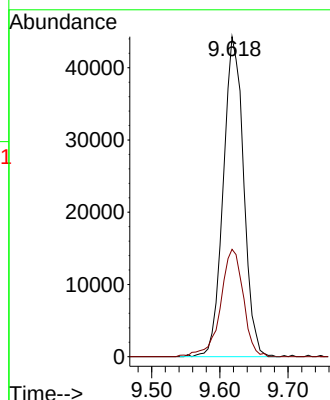
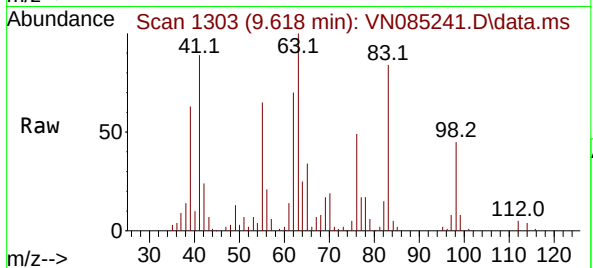
ClientSampleId :

Tgt Ion: 63 Resp: 92138

Ion Ratio Lower Upper

63 100

65 33.6 24.0 36.0



#46

Dibromomethane

Concen: 52.814 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

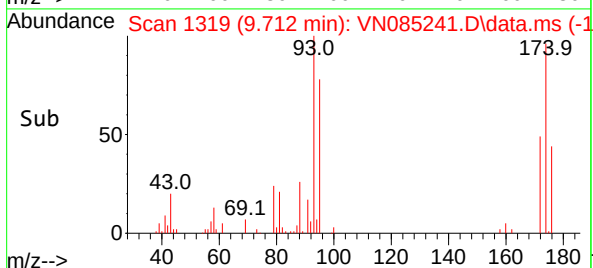
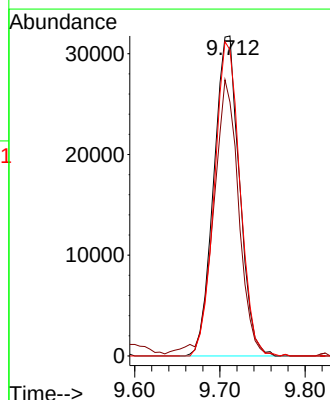
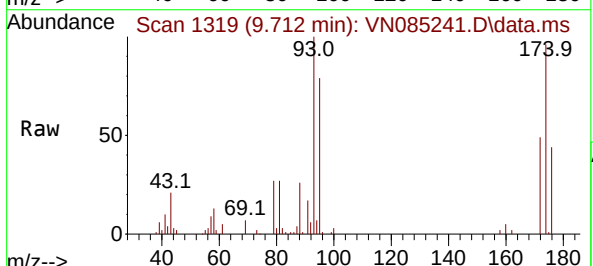
Tgt Ion: 93 Resp: 66634

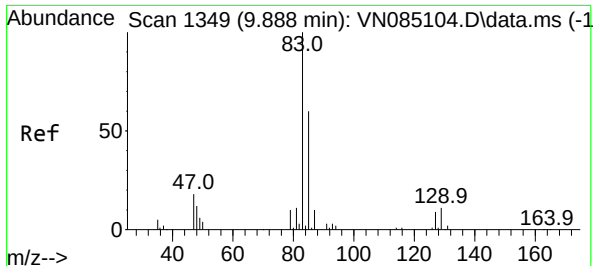
Ion Ratio Lower Upper

93 100

95 85.2 66.2 99.4

174 97.5 74.9 112.3

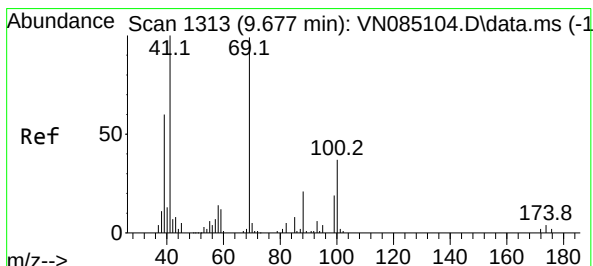
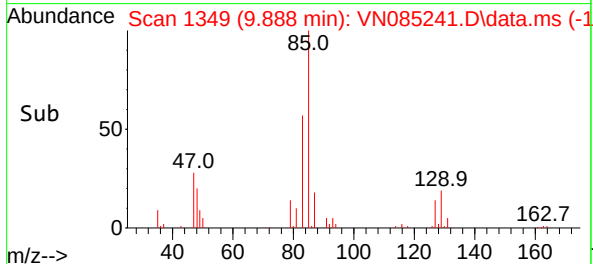
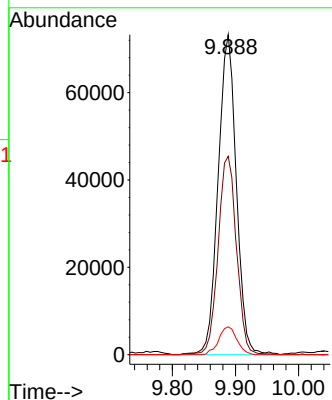
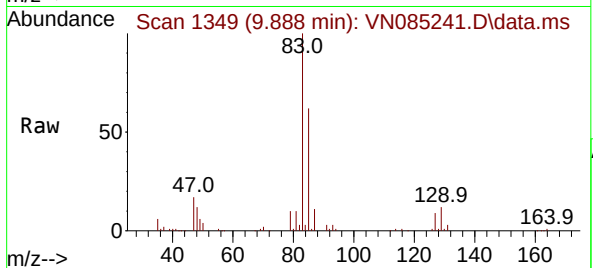




#47  
Bromodichloromethane  
Concen: 54.824 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

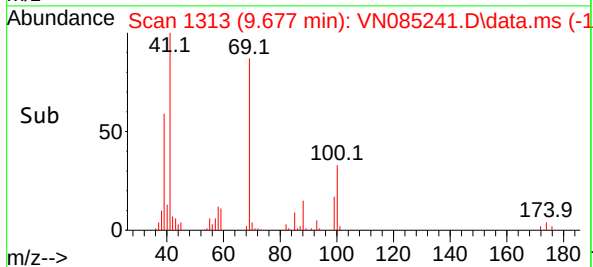
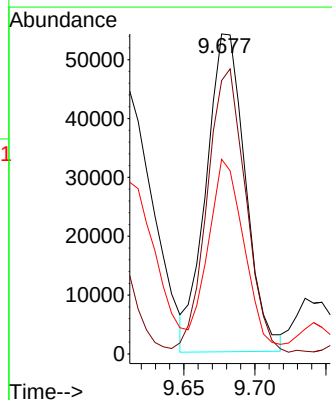
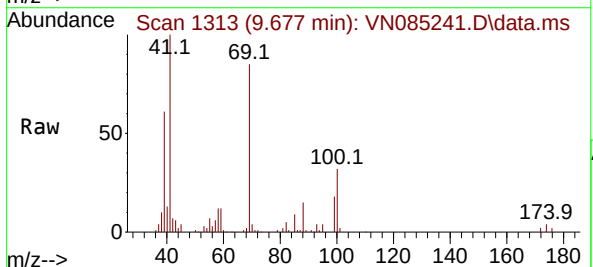
Instrument :  
MSVOA\_N  
ClientSampleId :

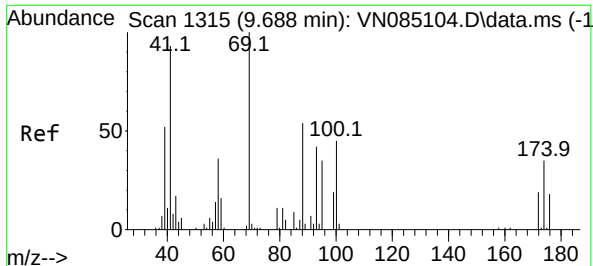
Tgt Ion: 83 Resp: 146601  
Ion Ratio Lower Upper  
83 100  
85 62.0 50.5 75.7  
127 8.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 63.457 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 41 Resp: 103934  
Ion Ratio Lower Upper  
41 100  
69 88.9 73.2 109.8  
39 56.6 46.2 69.4





#49

1,4-Dioxane

Concen: 1313.239 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

ClientSampleId :

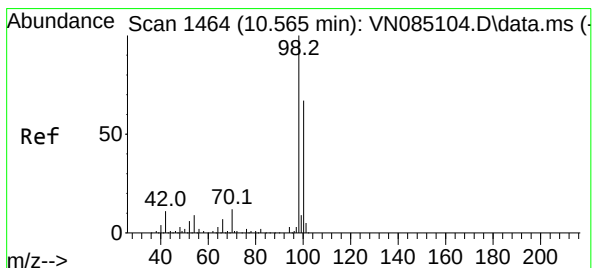
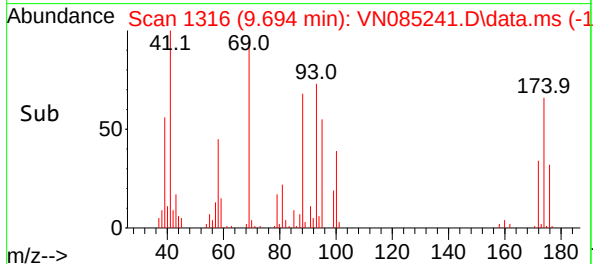
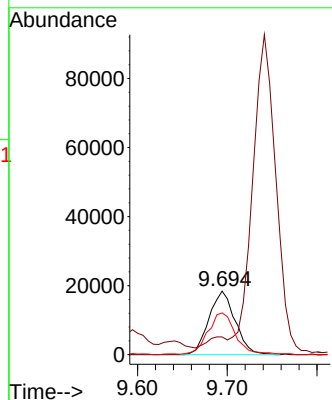
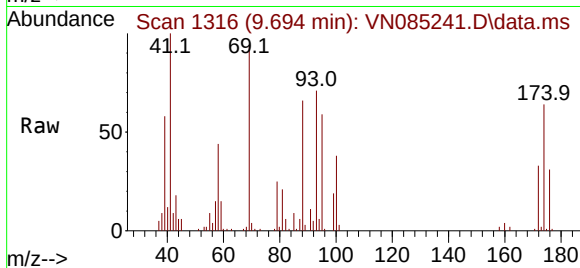
Tgt Ion: 88 Resp: 37301

Ion Ratio Lower Upper

88 100

43 21.1 16.7 25.1

58 70.8 56.5 84.7



#50

Toluene-d8

Concen: 48.224 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085241.D

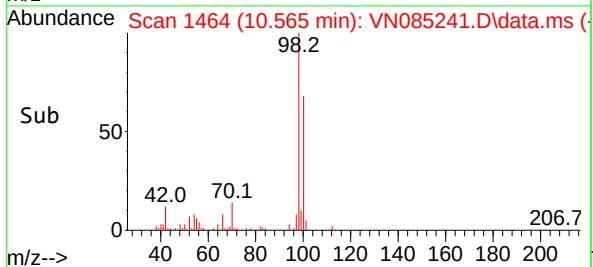
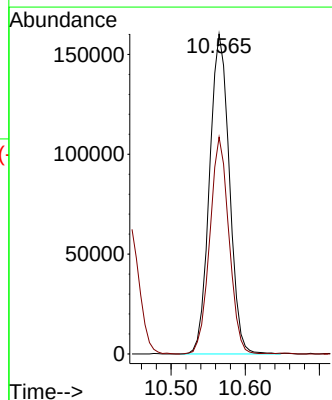
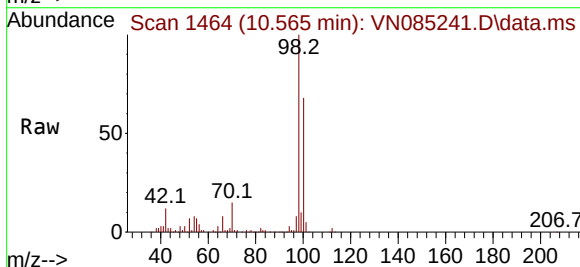
Acq: 17 Dec 2024 21:59

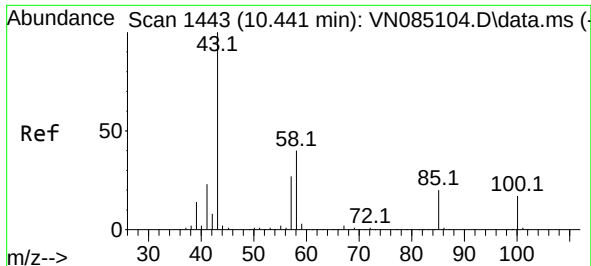
Tgt Ion: 98 Resp: 297397

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7

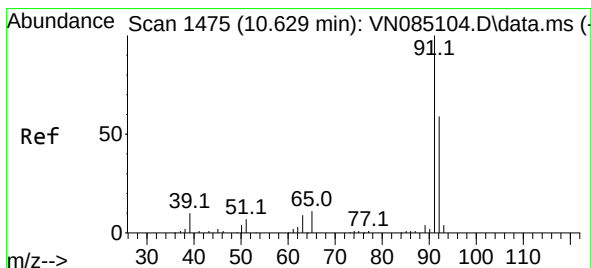
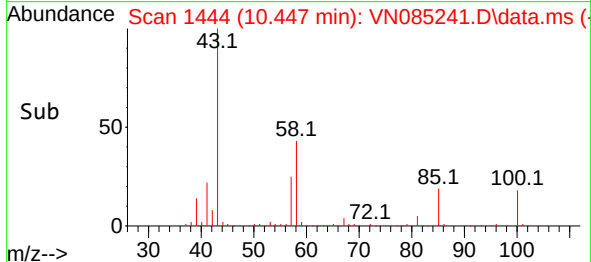
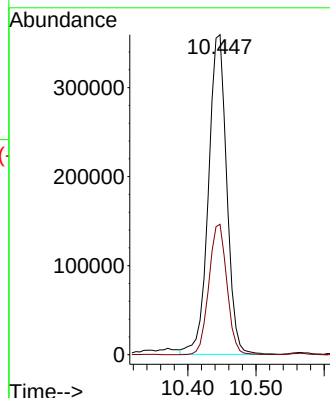
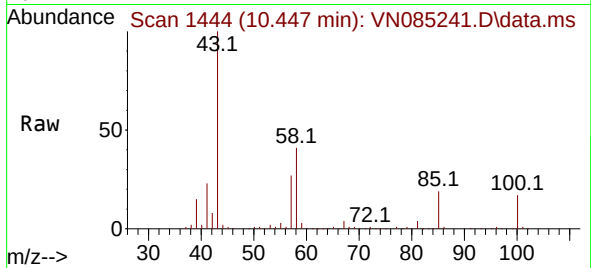




#51  
4-Methyl-2-Pentanone  
Concen: 332.799 ug/l  
RT: 10.447 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

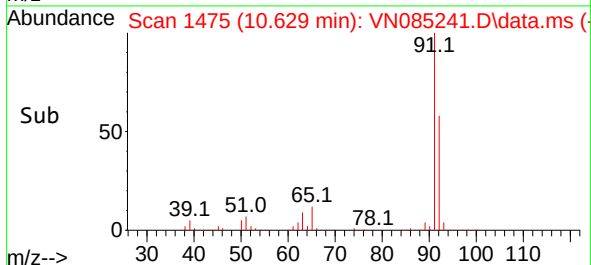
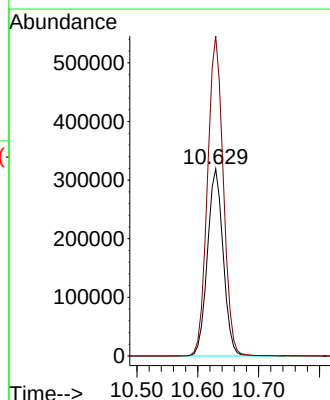
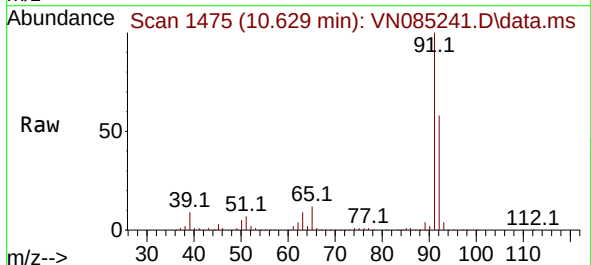
Instrument :  
MSVOA\_N  
ClientSampleId :

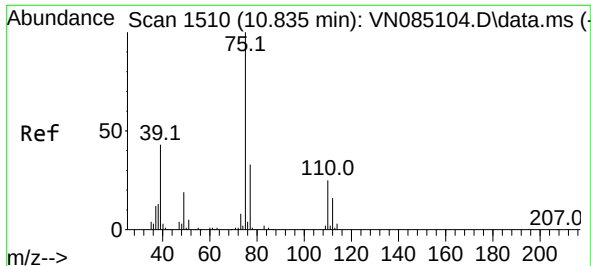
Tgt Ion: 43 Resp: 669053  
Ion Ratio Lower Upper  
43 100  
58 40.3 32.1 48.1



#52  
Toluene  
Concen: 131.040 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 92 Resp: 571883  
Ion Ratio Lower Upper  
92 100  
91 171.9 136.7 205.1

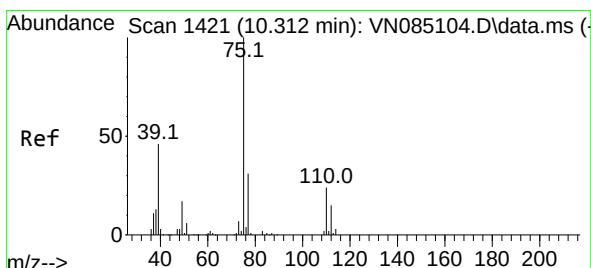
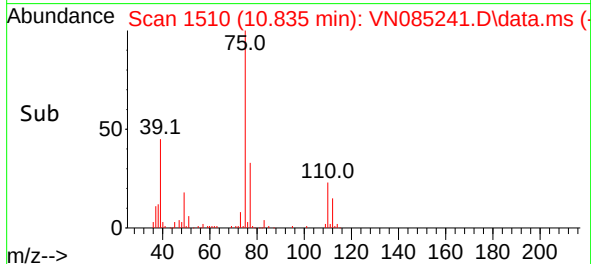
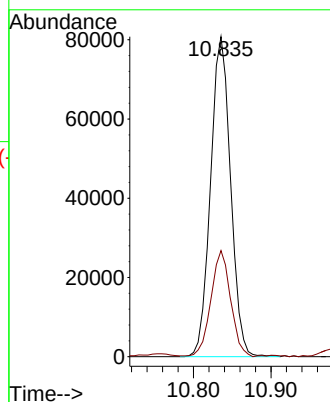
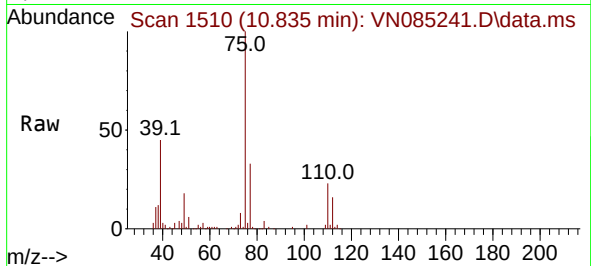




#53  
 t-1,3-Dichloropropene  
 Concen: 54.115 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. -0.000 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

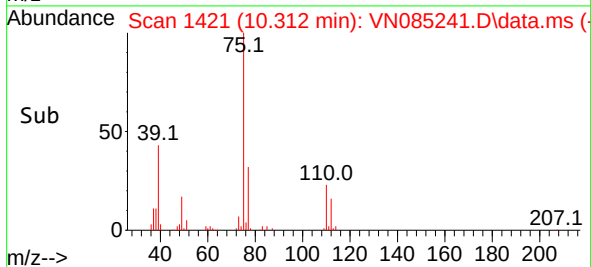
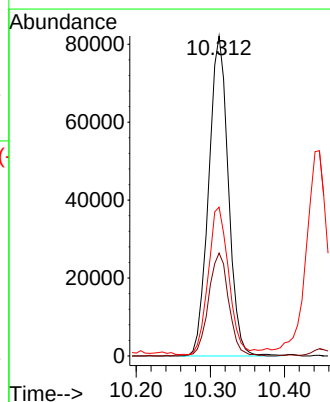
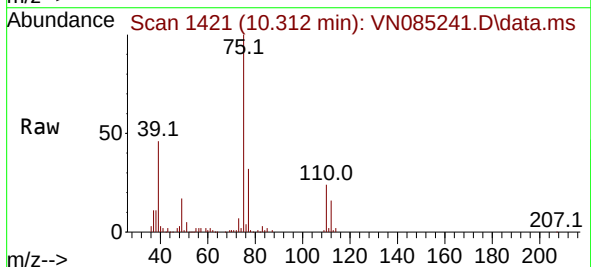
Instrument :  
 MSVOA\_N  
 ClientSampleId :

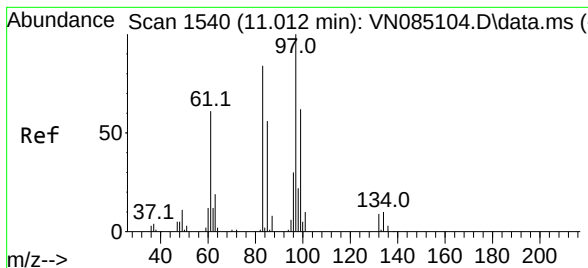
Tgt Ion: 75 Resp: 145075  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.119 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.006 min  
 Lab File: VN085241.D  
 Acq: 17 Dec 2024 21:59

Tgt Ion: 75 Resp: 151075  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.0 37.4  
 39 46.0 37.6 56.4

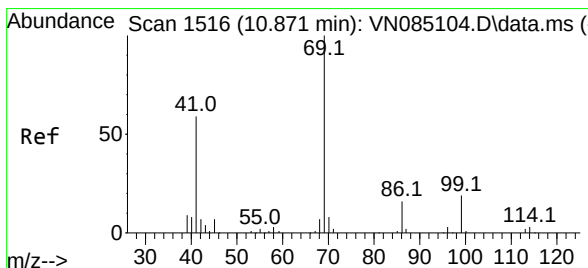
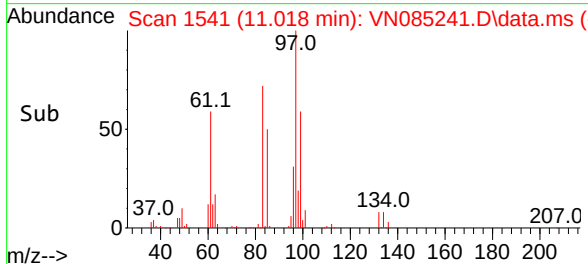
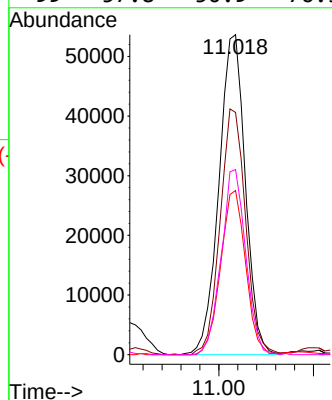
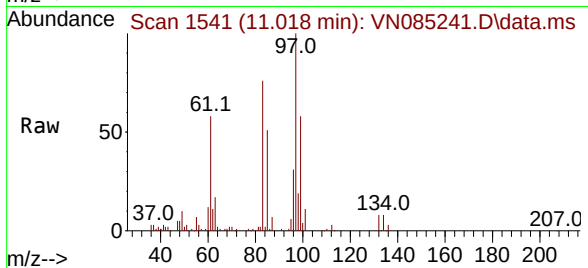




#55  
1,1,2-Trichloroethane  
Concen: 63.993 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

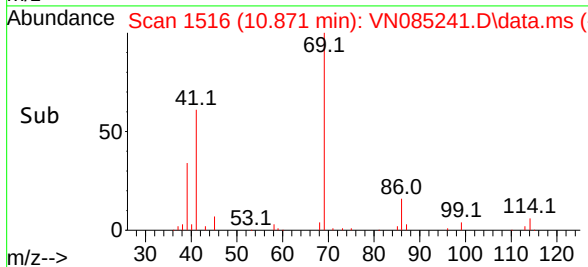
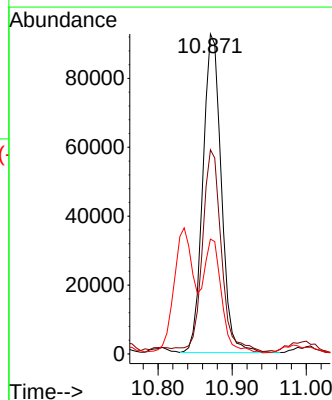
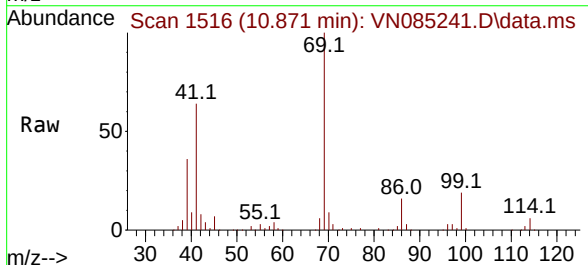
Instrument :  
MSVOA\_N  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 104024 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 75.7  | 67.4  | 101.2  |
| 85       | 51.3  | 43.1  | 64.7   |
| 99       | 57.8  | 50.9  | 76.3   |

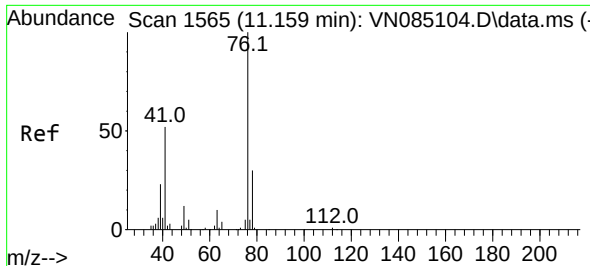


#56  
Ethyl methacrylate  
Concen: 67.256 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 159757 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.0  | 50.0  | 75.0   |
| 39       | 35.2  | 27.0  | 40.6   |







#57

1,3-Dichloropropane

Concen: 54.554 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

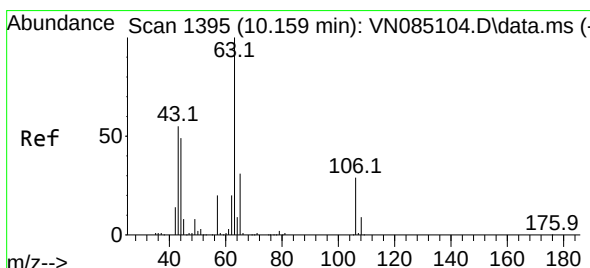
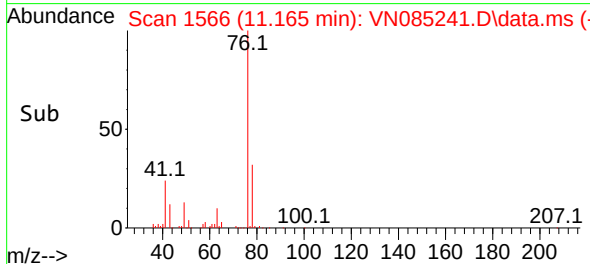
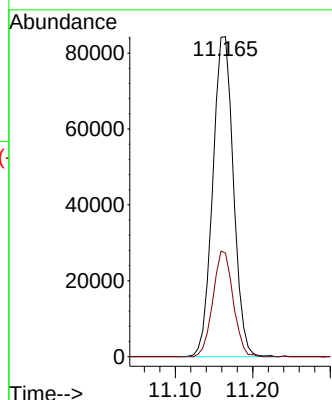
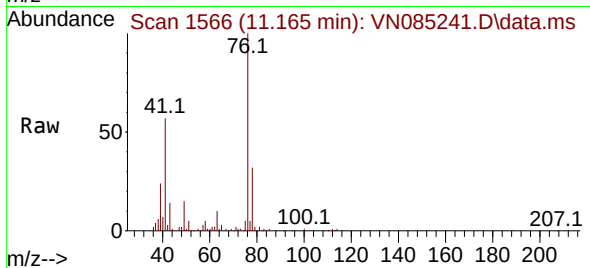
ClientSampleId :

Tgt Ion: 76 Resp: 156077

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.277 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085241.D

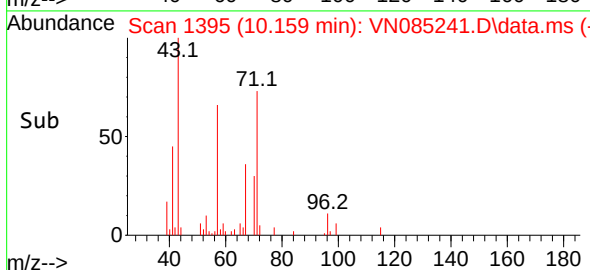
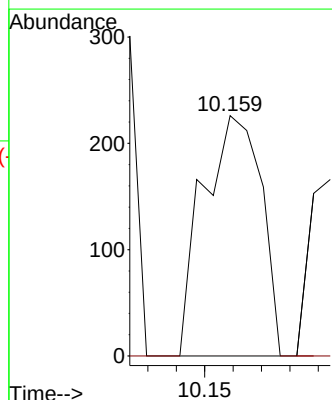
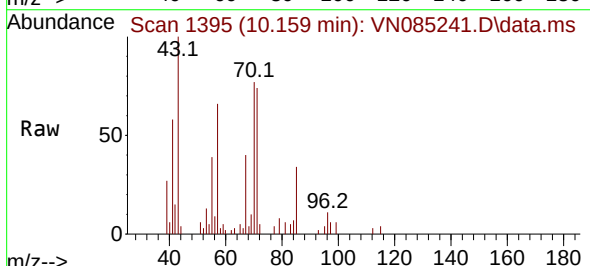
Acq: 17 Dec 2024 21:59

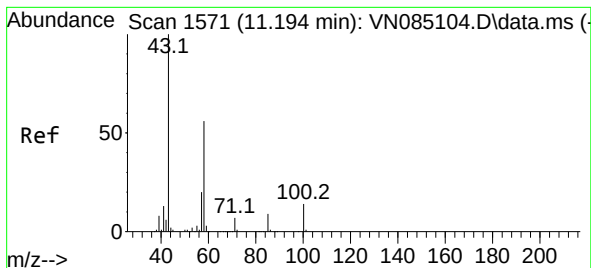
Tgt Ion: 63 Resp: 323

Ion Ratio Lower Upper

63 100

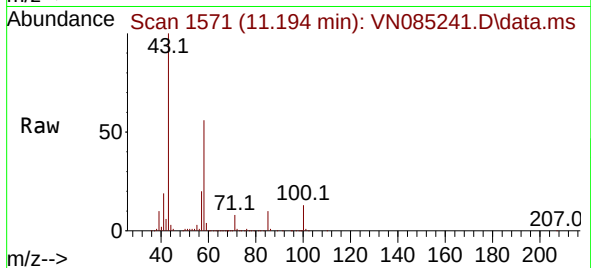
106 0.0 23.0 34.6#



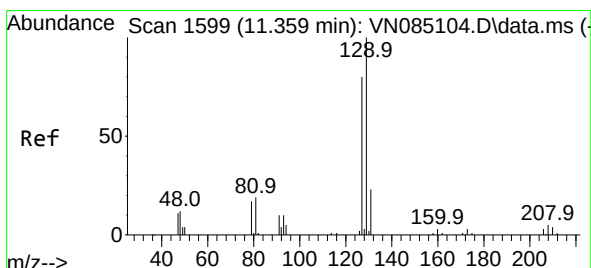
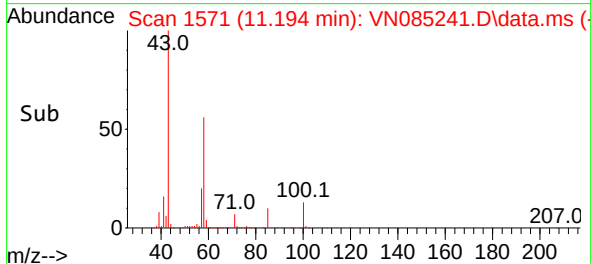
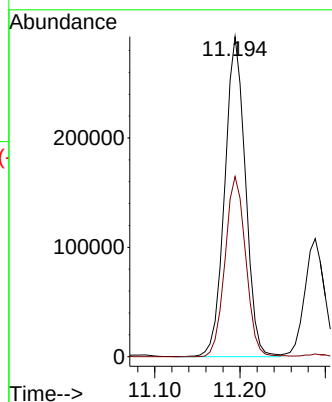


#59  
2-Hexanone  
Concen: 327.812 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Instrument :  
MSVOA\_N  
ClientSampleId :

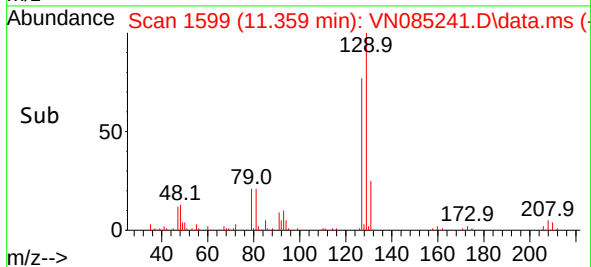
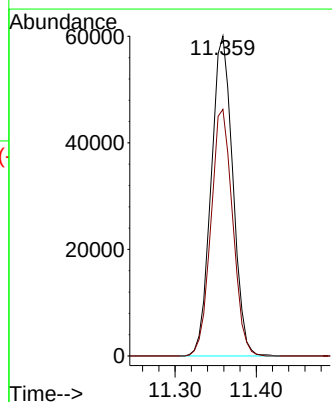
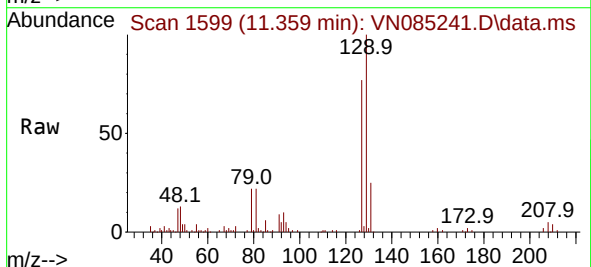


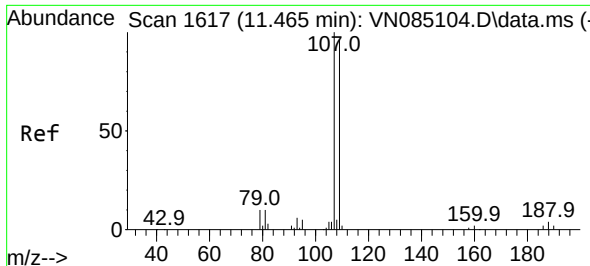
Tgt Ion: 43 Resp: 492890  
Ion Ratio Lower Upper  
43 100  
58 56.3 28.3 85.0



#60  
Dibromochloromethane  
Concen: 55.974 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 129 Resp: 111202  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.2 117.6

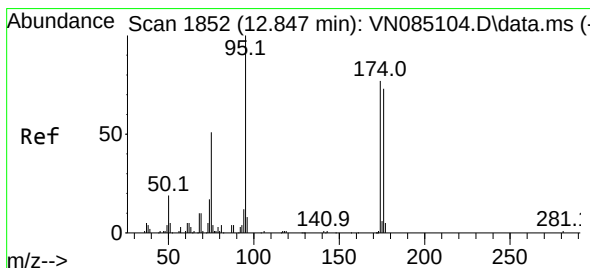
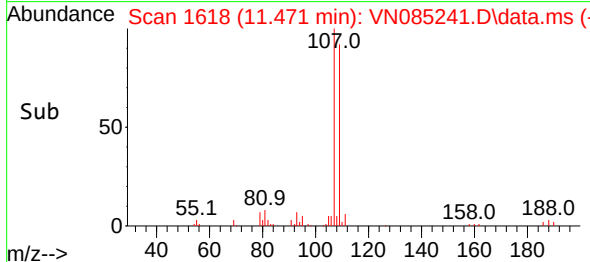
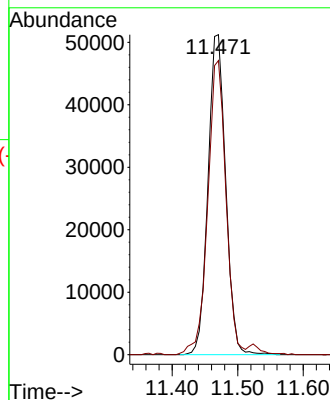
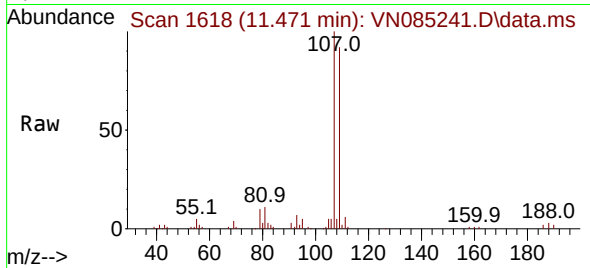




#61  
1,2-Dibromoethane  
Concen: 57.038 ug/l  
RT: 11.471 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

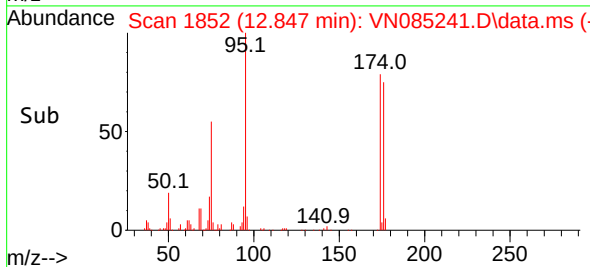
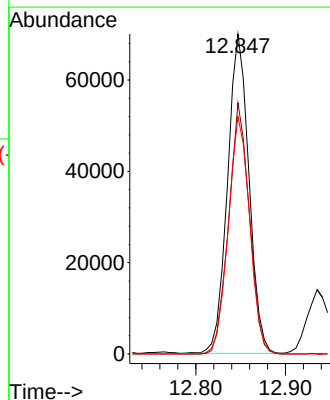
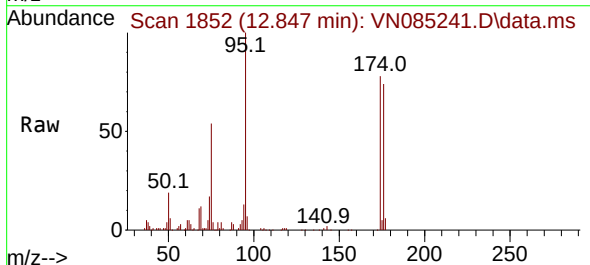
Instrument :  
MSVOA\_N  
ClientSampleId :

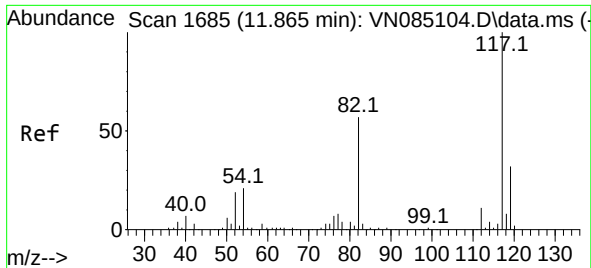
Tgt Ion:107 Resp: 95957  
Ion Ratio Lower Upper  
107 100  
109 94.3 76.1 114.1



#62  
4-Bromofluorobenzene  
Concen: 50.123 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 95 Resp: 115597  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 146.6  
176 74.4 0.0 141.8

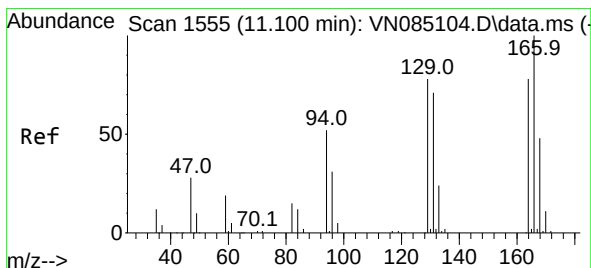
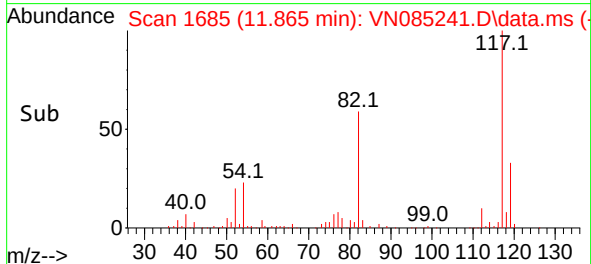
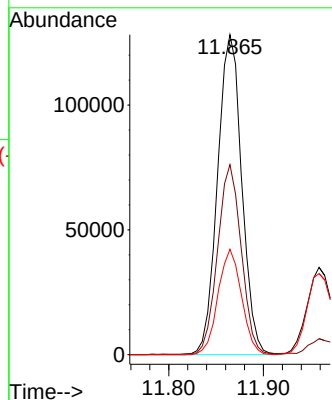
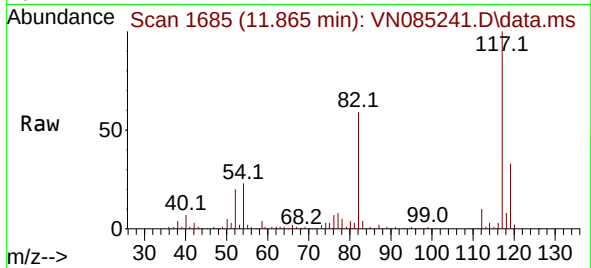




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

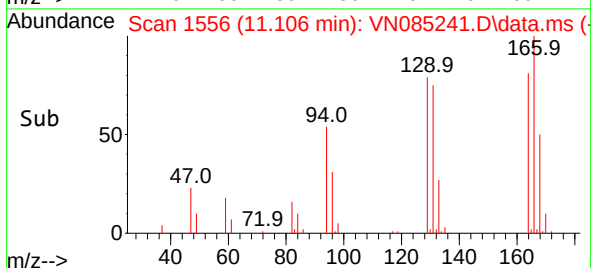
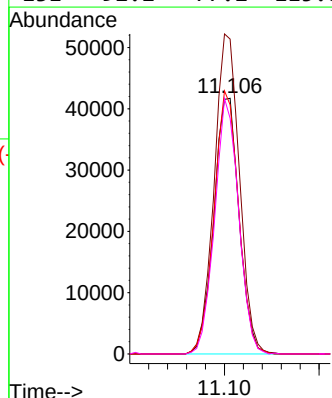
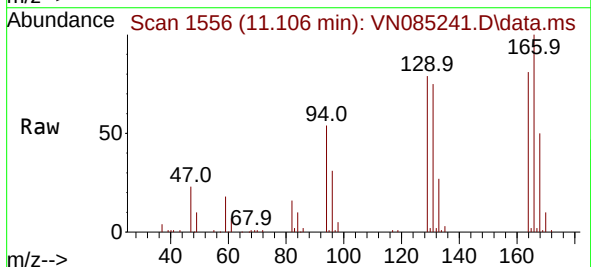
Instrument :  
MSVOA\_N  
ClientSampleId :

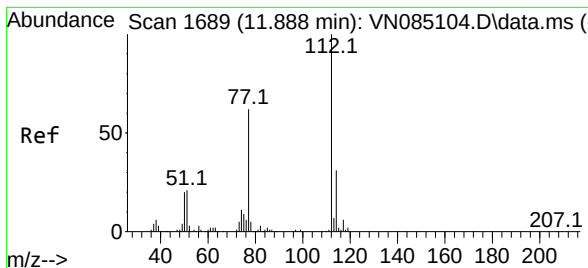
Tgt Ion:117 Resp: 228107  
Ion Ratio Lower Upper  
117 100  
82 59.2 46.0 69.0  
119 33.0 25.6 38.4



#64  
Tetrachloroethene  
Concen: 50.305 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion:164 Resp: 77321  
Ion Ratio Lower Upper  
164 100  
166 123.1 100.6 151.0  
129 97.4 77.7 116.5  
131 92.2 77.2 115.8

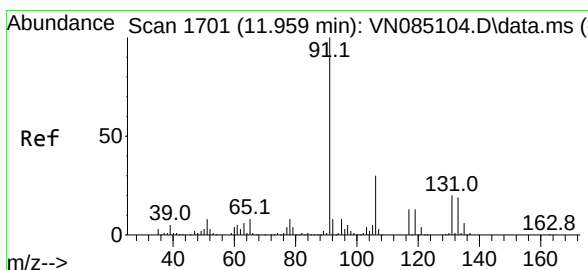
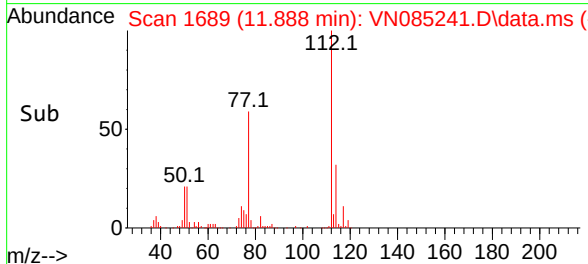
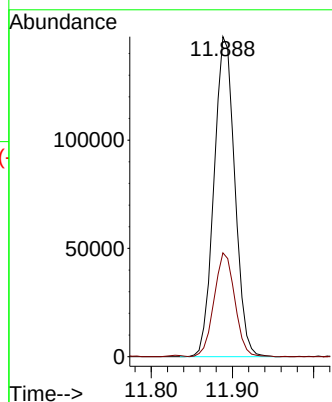
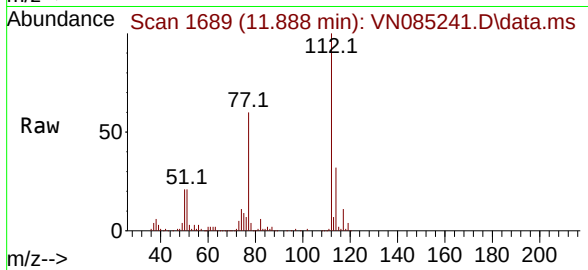




#65  
Chlorobenzene  
Concen: 50.808 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

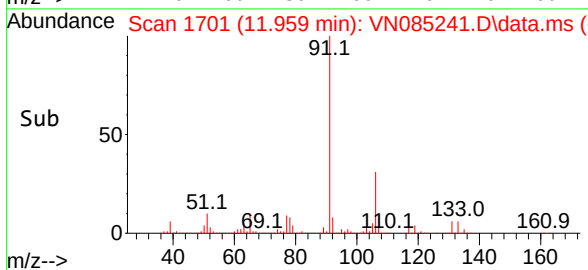
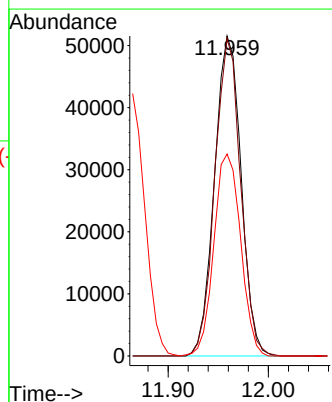
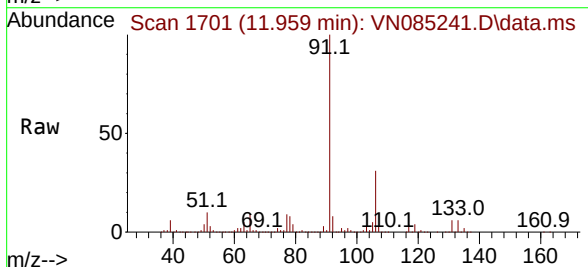
Instrument :  
MSVOA\_N  
ClientSampleId :

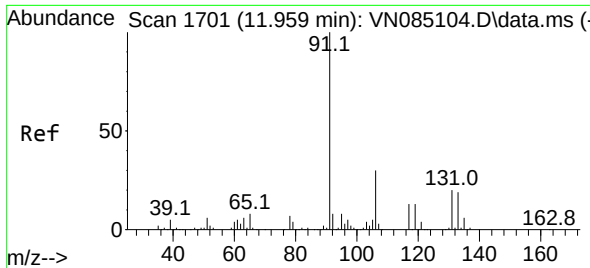
Tgt Ion:112 Resp: 262840  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.089 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion:131 Resp: 94875  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.8 143.4  
119 63.6 32.1 96.3

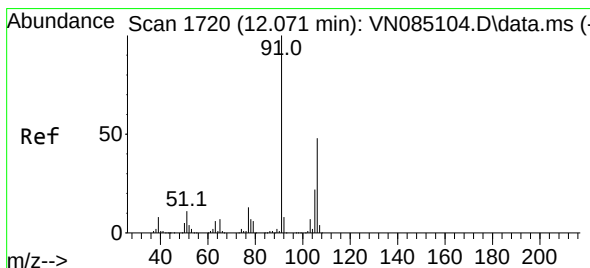
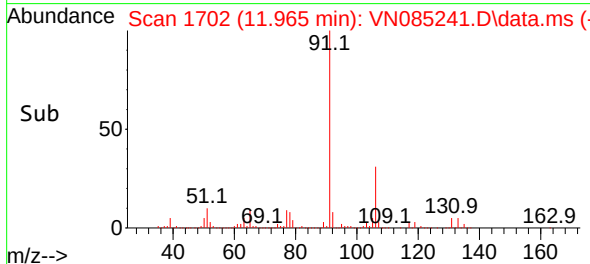
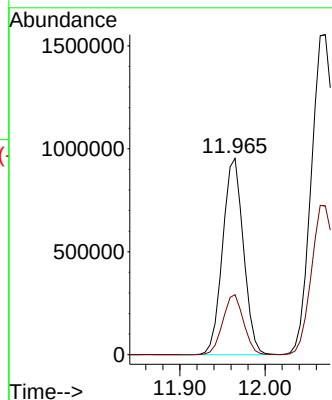
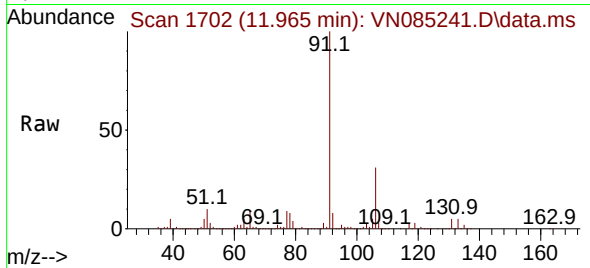




#67  
Ethyl Benzene  
Concen: 192.582 ug/l  
RT: 11.965 min Scan# 1719  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

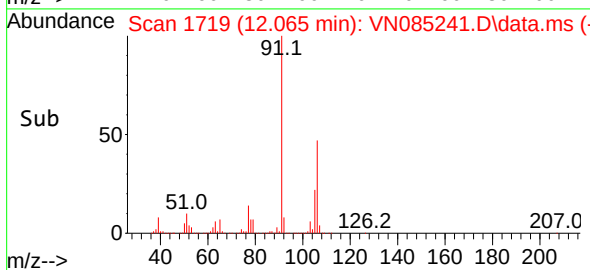
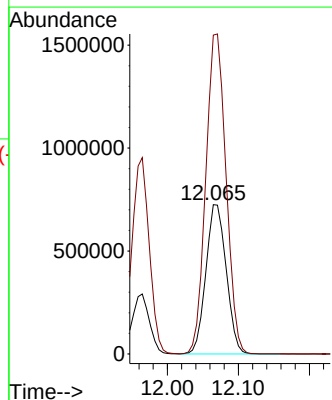
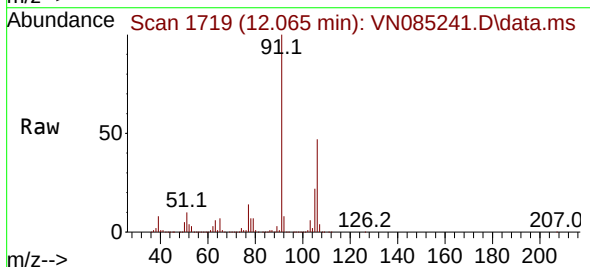
Instrument :  
MSVOA\_N  
ClientSampleId :

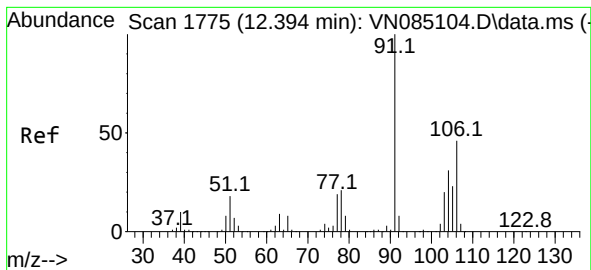
Tgt Ion: 91 Resp: 1616318  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.7 37.1



#68  
m/p-Xylenes  
Concen: 451.746 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion:106 Resp: 1443477  
Ion Ratio Lower Upper  
106 100  
91 213.6 168.0 252.0

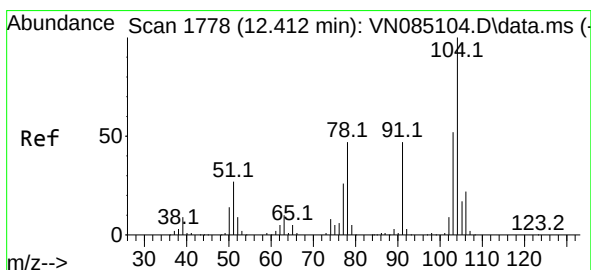
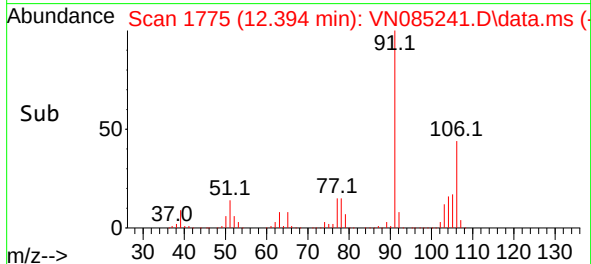
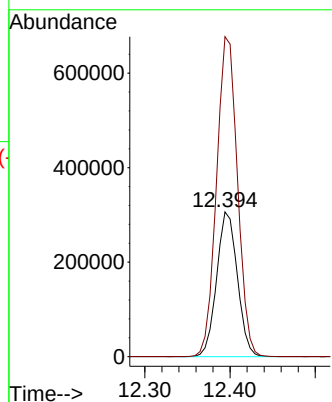
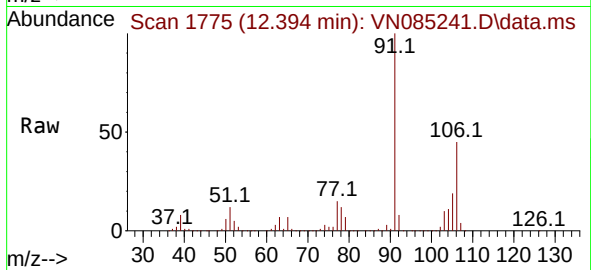




#69  
o-Xylene  
Concen: 170.207 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

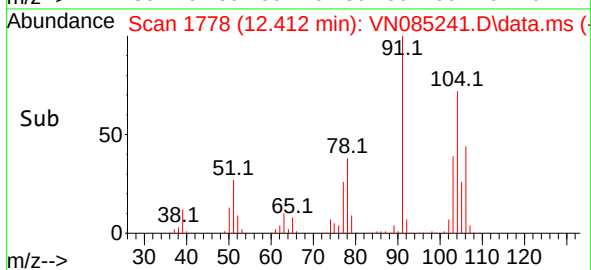
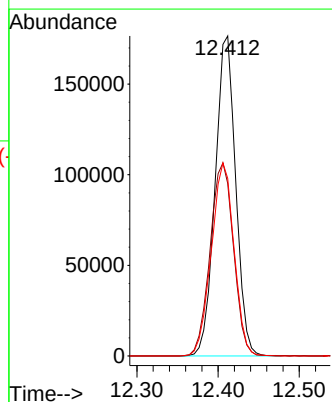
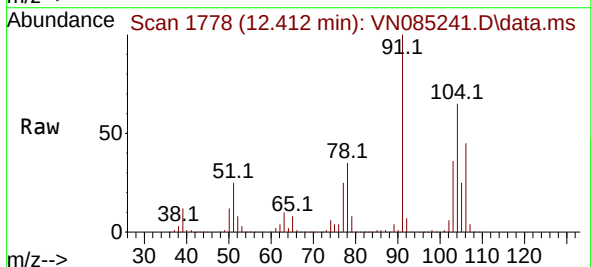
Instrument :  
MSVOA\_N  
ClientSampleId :

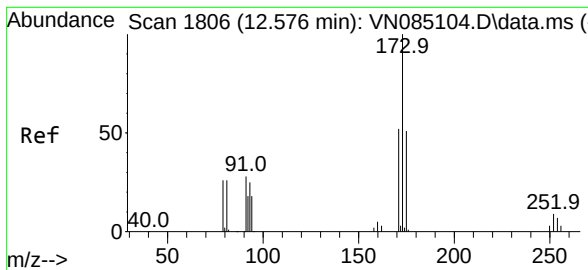
Tgt Ion:106 Resp: 517349  
Ion Ratio Lower Upper  
106 100  
91 223.9 110.7 331.9



#70  
Styrene  
Concen: 61.459 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion:104 Resp: 310655  
Ion Ratio Lower Upper  
104 100  
78 68.6 42.3 63.5#  
103 66.7 44.2 66.2#

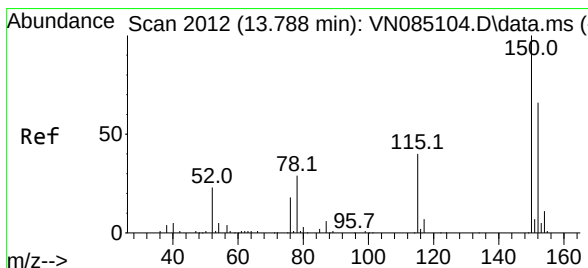
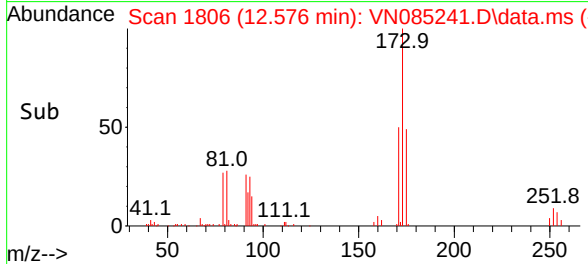
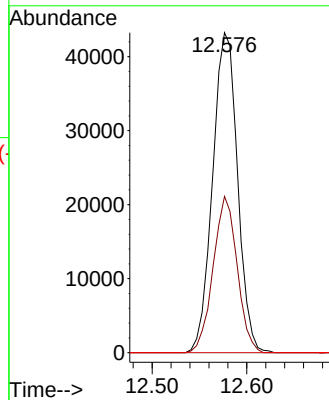
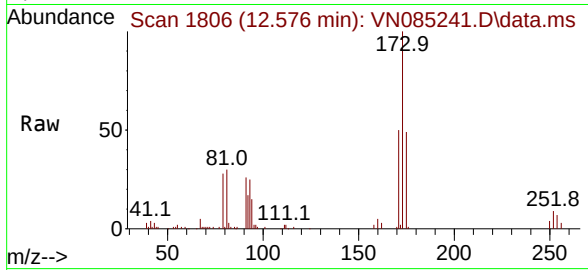




#71  
Bromoform  
Concen: 58.517 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

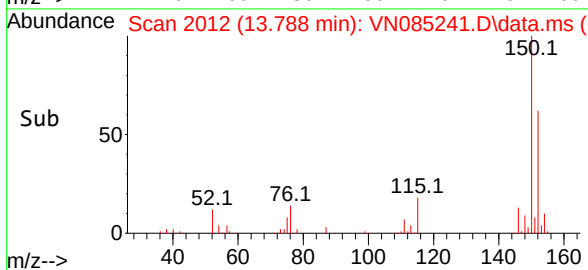
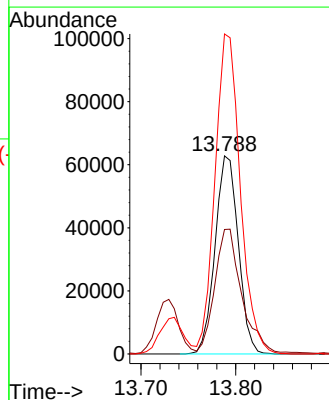
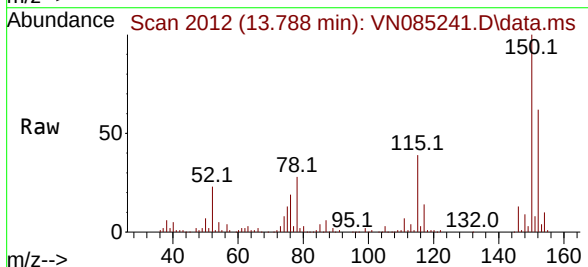
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 79116  
Ion Ratio Lower Upper  
173 100  
175 47.0 23.8 71.2  
254 0.0 0.0 0.0

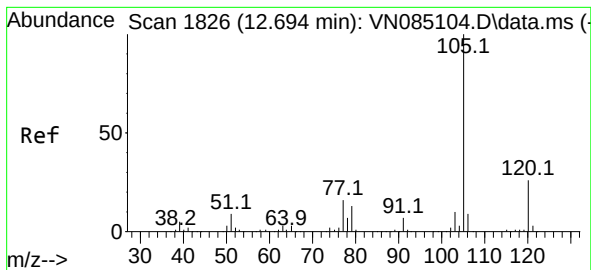


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion:152 Resp: 107049  
Ion Ratio Lower Upper  
152 100  
115 74.6 31.7 95.1  
150 175.7 0.0 351.4







#73

Isopropylbenzene

Concen: 65.393 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

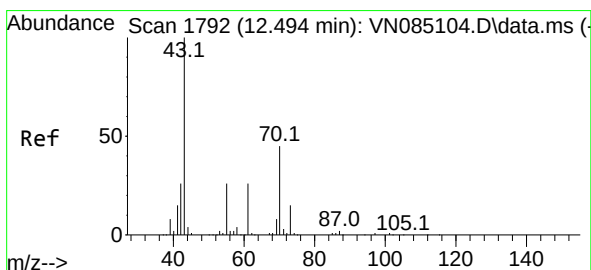
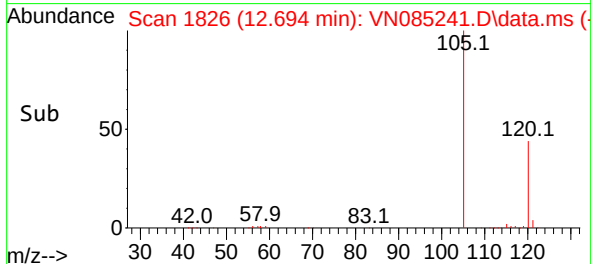
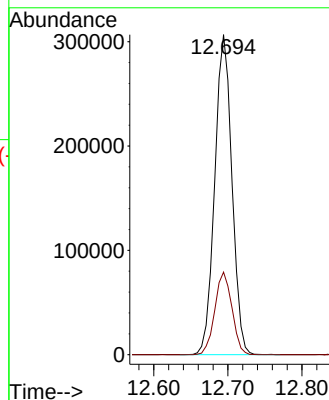
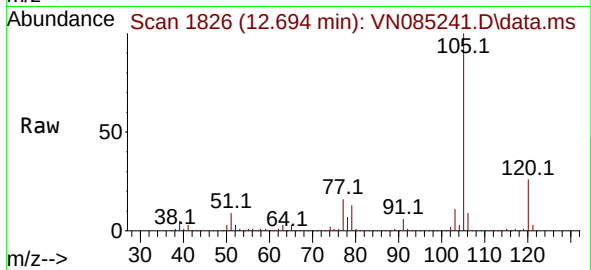
ClientSampleId :

Tgt Ion:105 Resp: 493844

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#74

N-ethyl acetate

Concen: 59.352 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Tgt Ion: 43 Resp: 184702

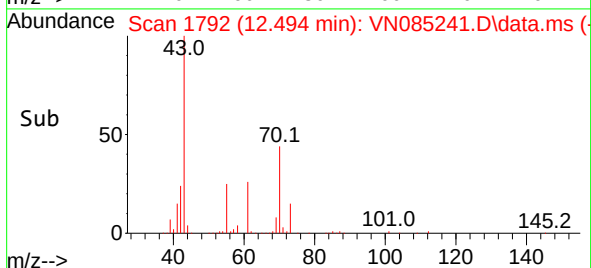
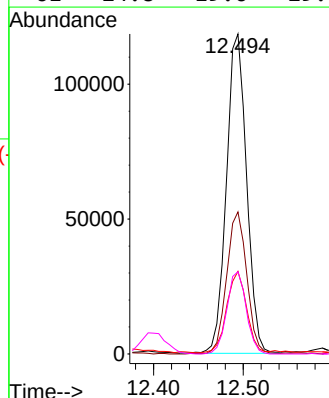
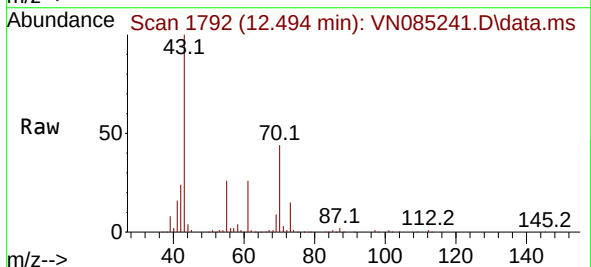
Ion Ratio Lower Upper

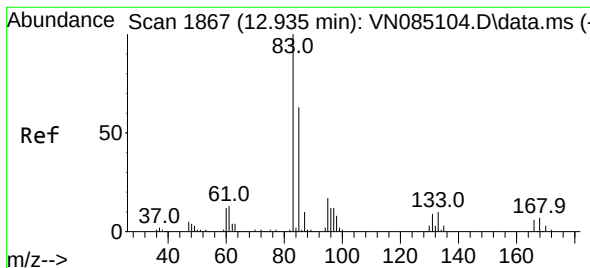
43 100

70 44.5 34.6 51.8

55 25.0 20.5 30.7

61 24.8 19.6 29.4

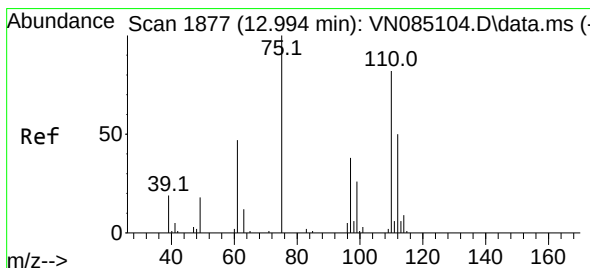
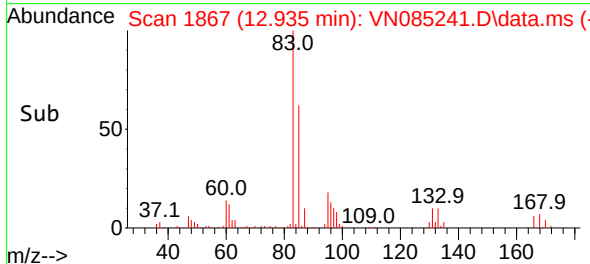
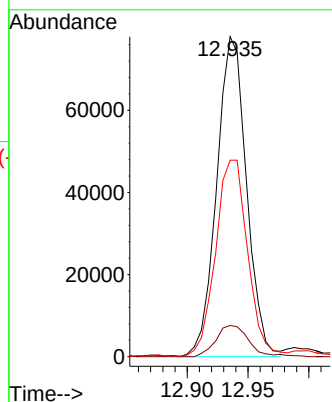
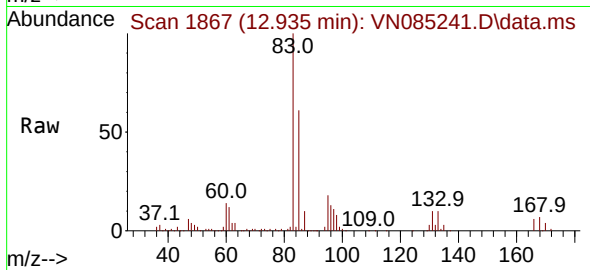




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.608 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

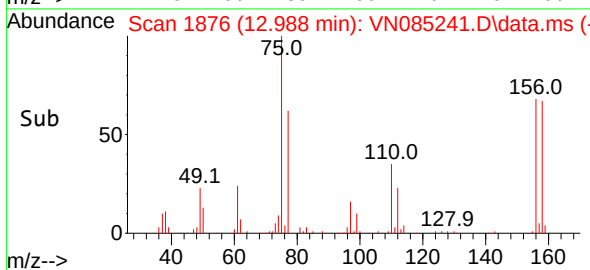
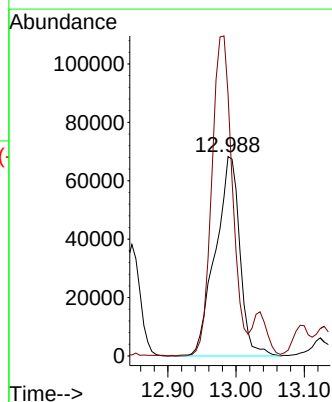
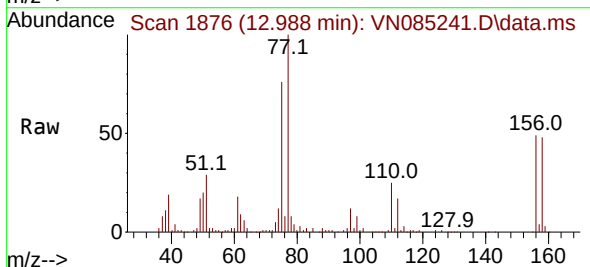
Instrument :  
MSVOA\_N  
ClientSampleId :

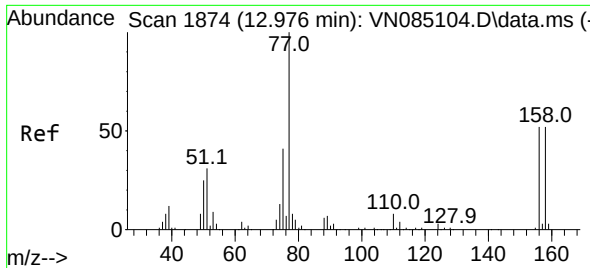
Tgt Ion: 83 Resp: 133088  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.1 15.4  
85 65.4 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 87.461 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. -0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 75 Resp: 170298  
Ion Ratio Lower Upper  
75 100  
77 135.2 109.1 327.4

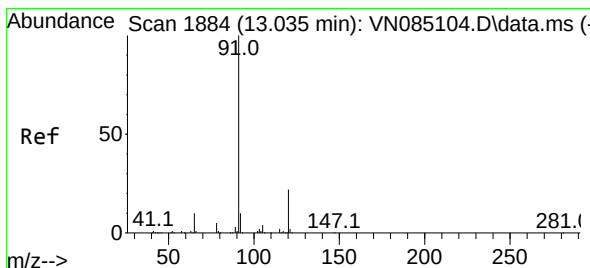
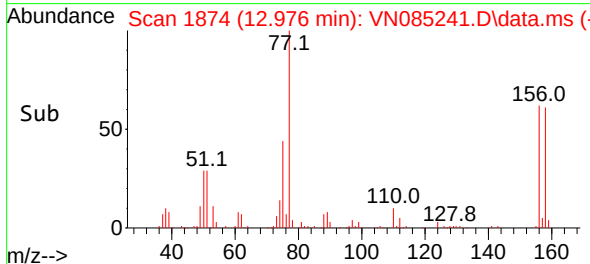
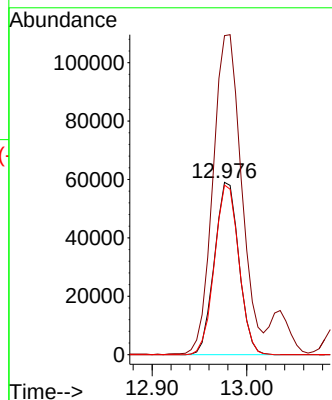
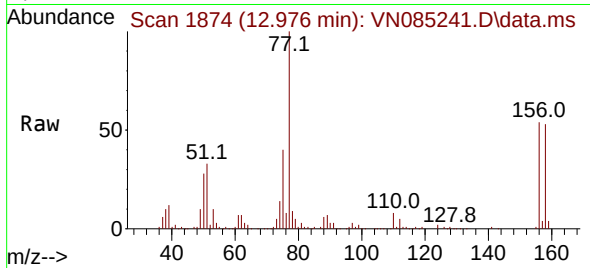




#77  
Bromobenzene  
Concen: 52.030 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

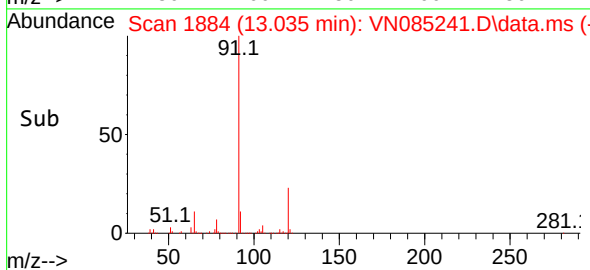
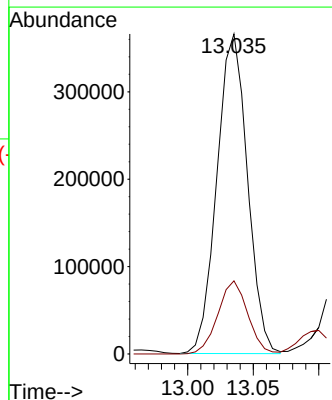
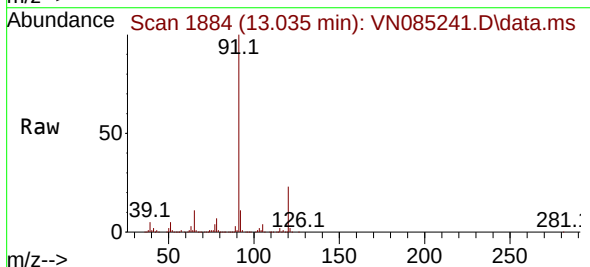
Instrument :  
MSVOA\_N  
ClientSampleId :

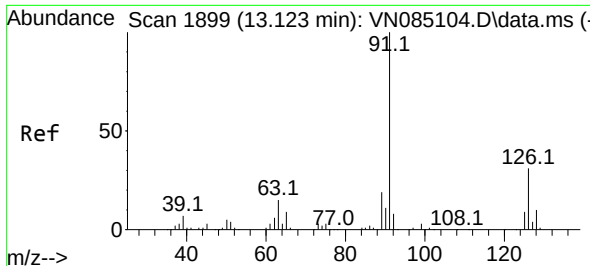
Tgt Ion:156 Resp: 105740  
Ion Ratio Lower Upper  
156 100  
77 217.7 107.2 321.6  
158 98.3 48.5 145.6



#78  
n-propylbenzene  
Concen: 68.010 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 91 Resp: 592403  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.3 33.9

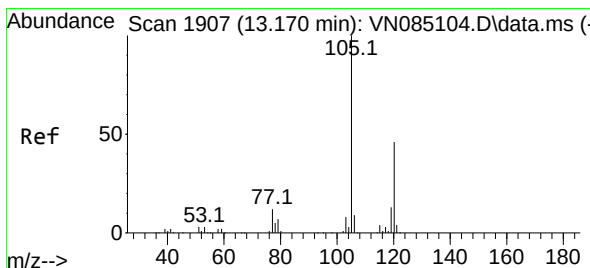
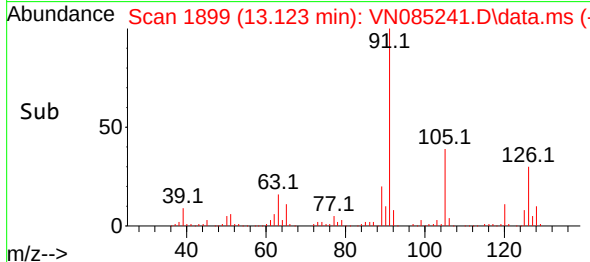
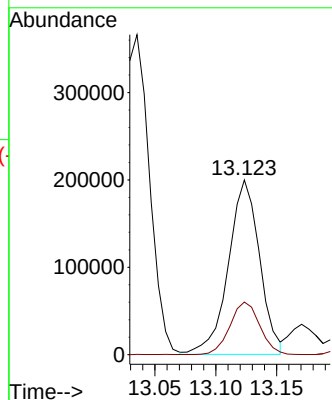
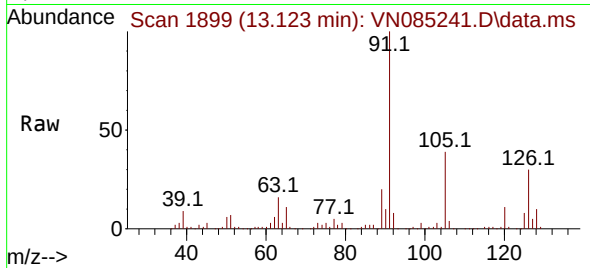




#79  
2-Chlorotoluene  
Concen: 61.281 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

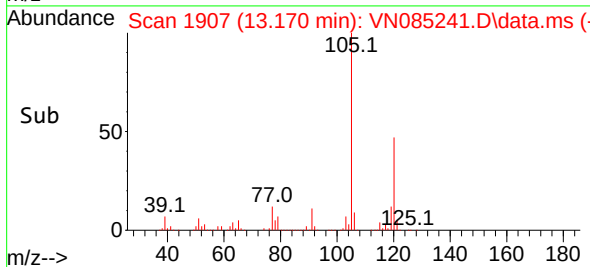
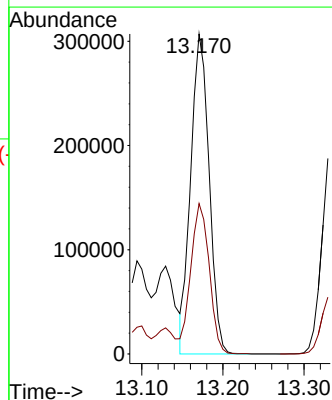
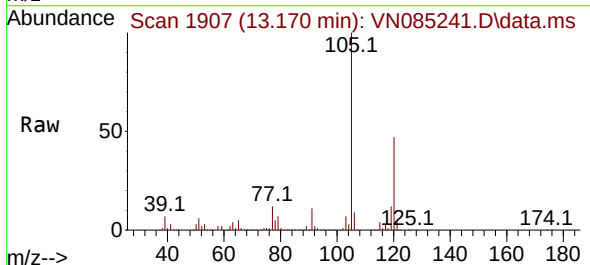
Instrument :  
MSVOA\_N  
ClientSampleId :

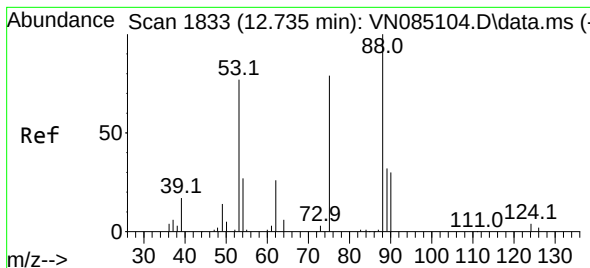
Tgt Ion: 91 Resp: 356328  
Ion Ratio Lower Upper  
91 100  
126 28.9 16.1 48.3



#80  
1,3,5-Trimethylbenzene  
Concen: 76.439 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 105 Resp: 484396  
Ion Ratio Lower Upper  
105 100  
120 48.2 23.6 71.0

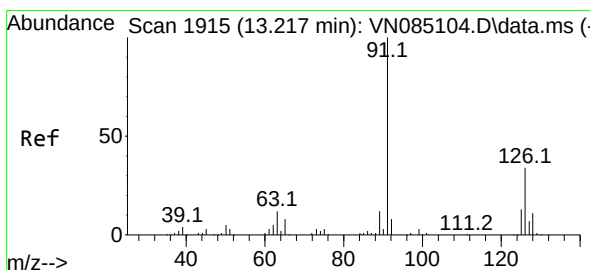
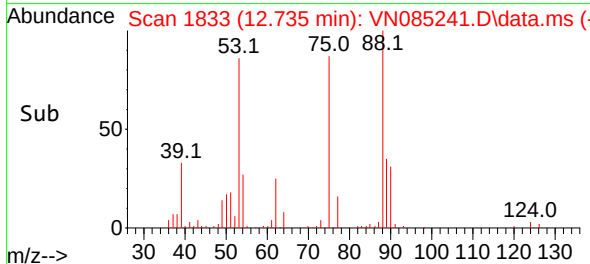
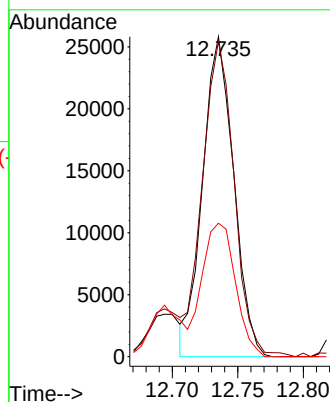
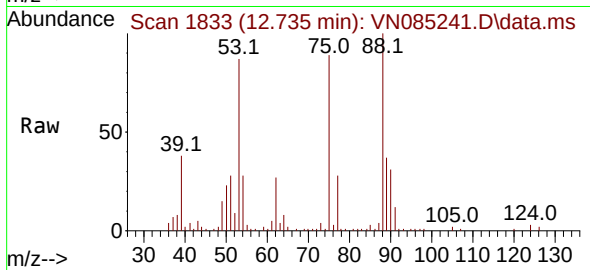




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.265 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

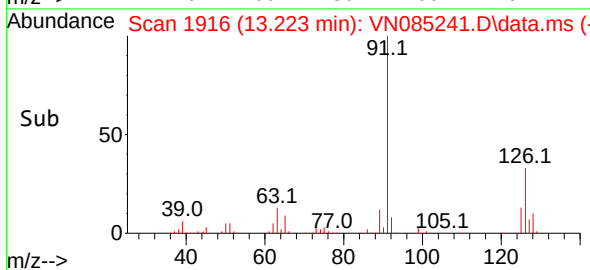
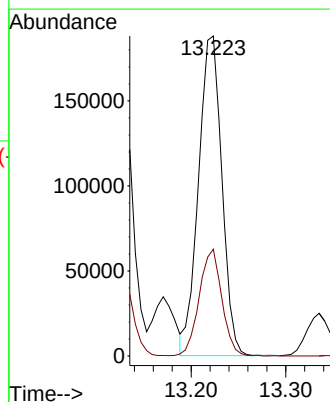
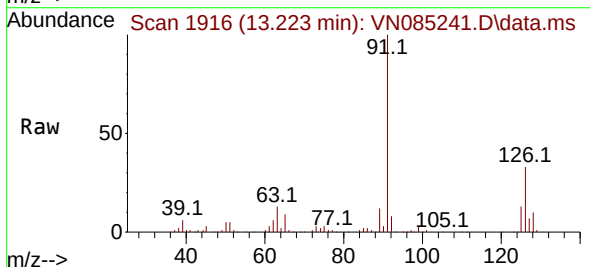
Instrument :  
MSVOA\_N  
ClientSampleId :

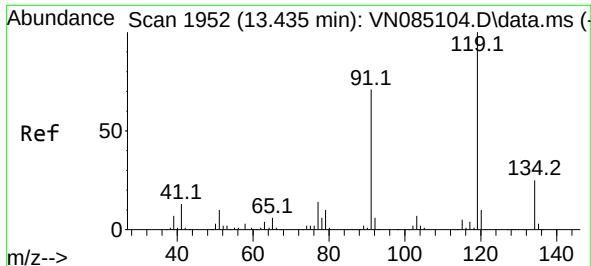
Tgt Ion: 75 Resp: 42571  
Ion Ratio Lower Upper  
75 100  
53 101.1 78.2 117.4  
89 44.6 37.9 56.9



#82  
4-Chlorotoluene  
Concen: 53.377 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

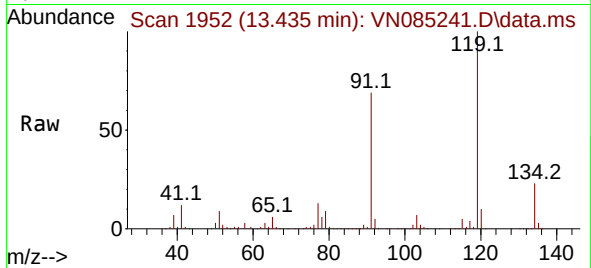
Tgt Ion: 91 Resp: 323099  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.1 48.3



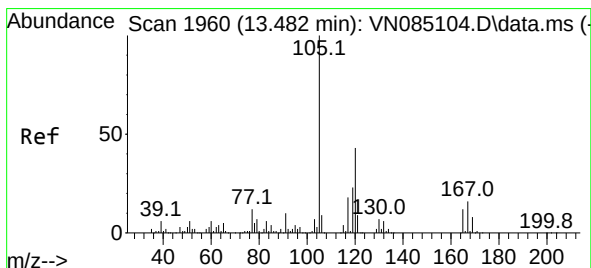
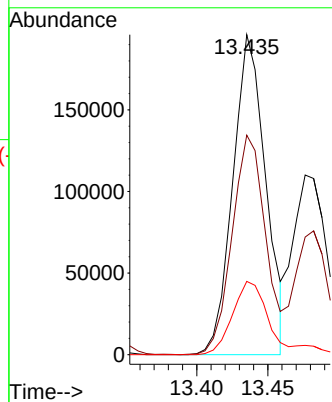
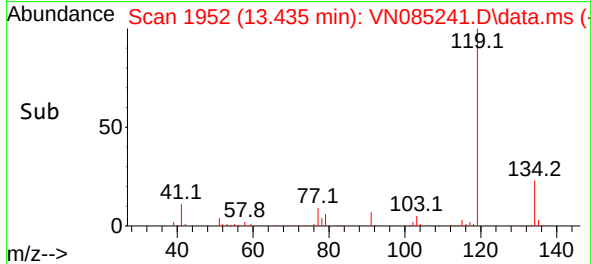


#83  
tert-Butylbenzene  
Concen: 57.798 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Instrument :  
MSVOA\_N  
ClientSampleId :

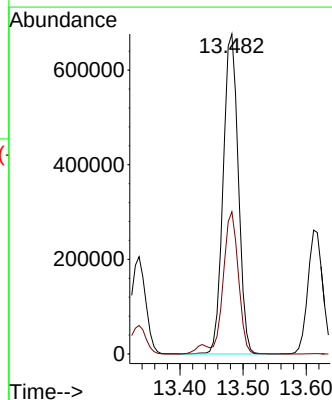
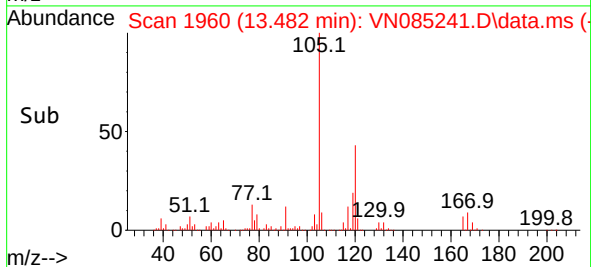
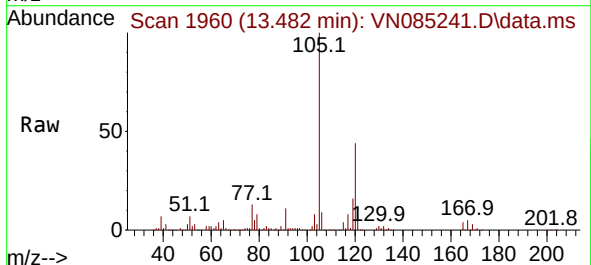


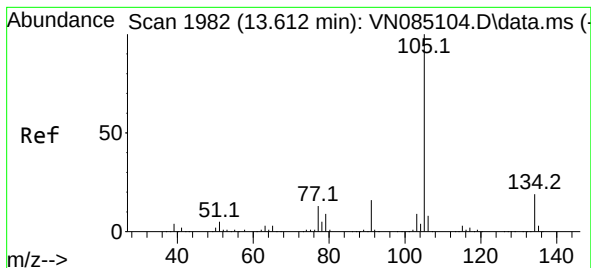
Tgt Ion:119 Resp: 315144  
Ion Ratio Lower Upper  
119 100  
91 69.9 35.1 105.5  
134 26.4 12.1 36.3



#84  
1,2,4-Trimethylbenzene  
Concen: 172.482 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion:105 Resp: 1125111  
Ion Ratio Lower Upper  
105 100  
120 43.7 21.8 65.4





#85

sec-Butylbenzene

Concen: 57.943 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

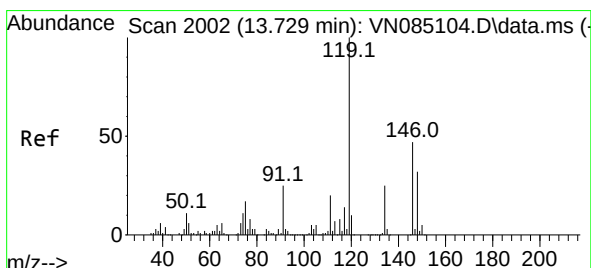
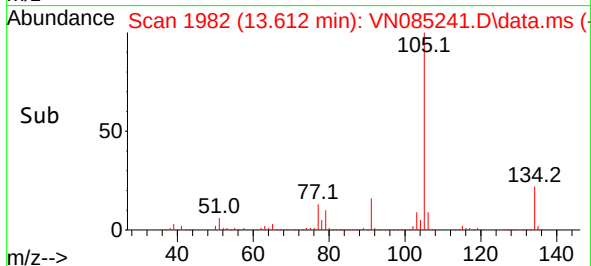
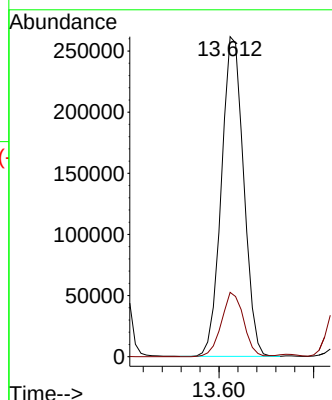
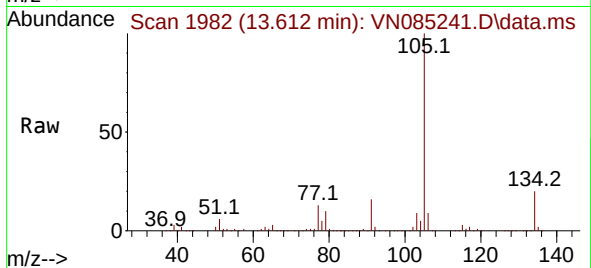
ClientSampleId :

Tgt Ion:105 Resp: 426780

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 60.054 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

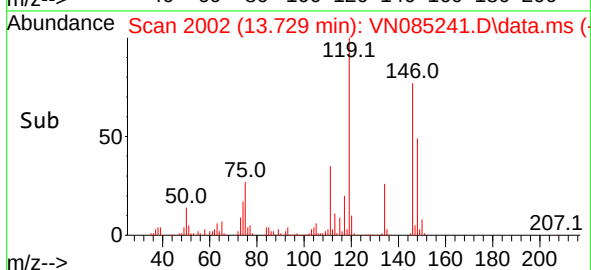
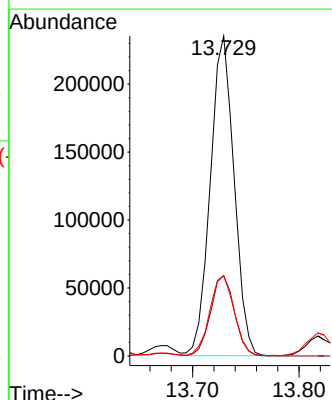
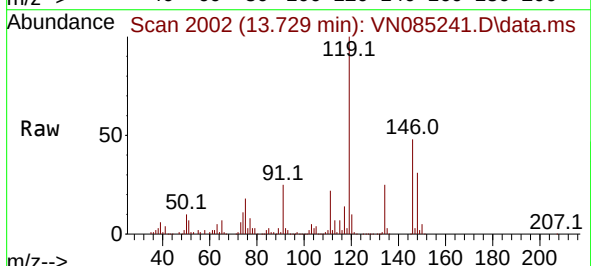
Tgt Ion:119 Resp: 365146

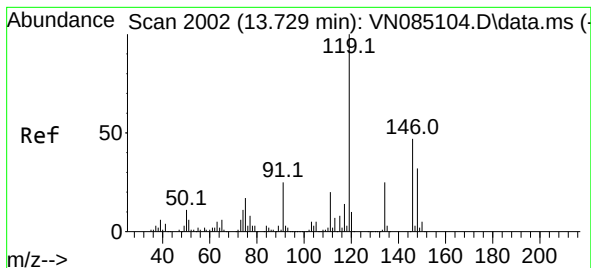
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

91 25.4 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 47.660 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

ClientSampleId :

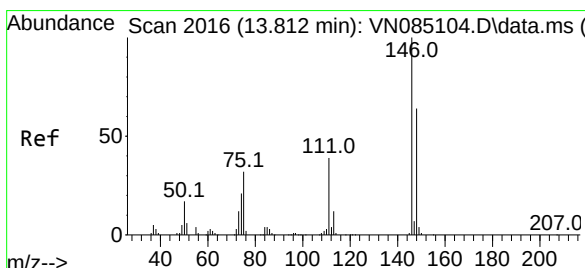
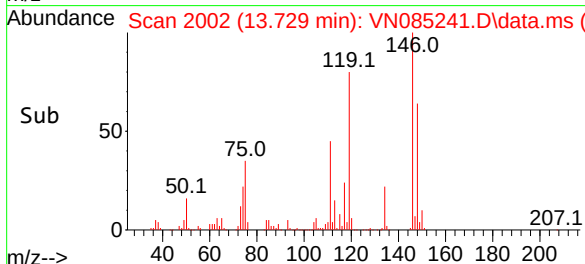
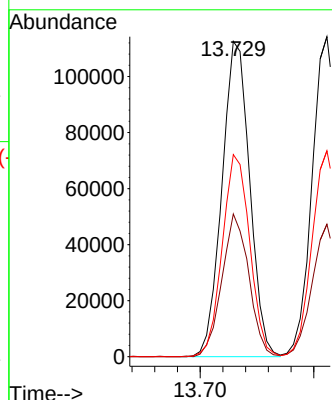
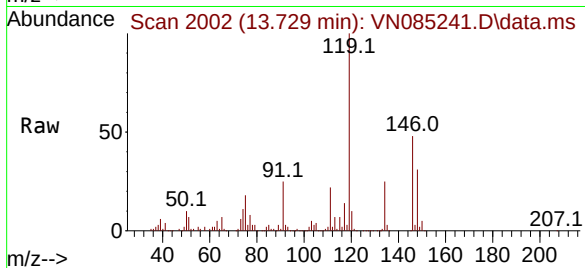
Tgt Ion:146 Resp: 191047

Ion Ratio Lower Upper

146 100

111 43.9 21.6 65.0

148 63.6 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 46.619 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

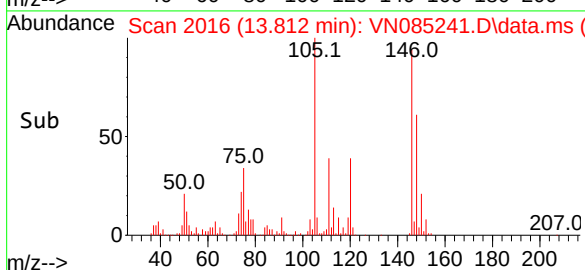
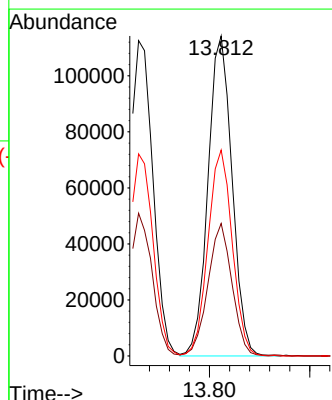
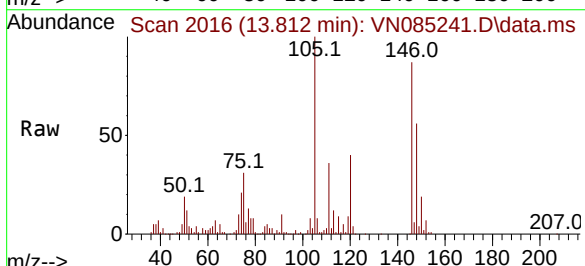
Tgt Ion:146 Resp: 190705

Ion Ratio Lower Upper

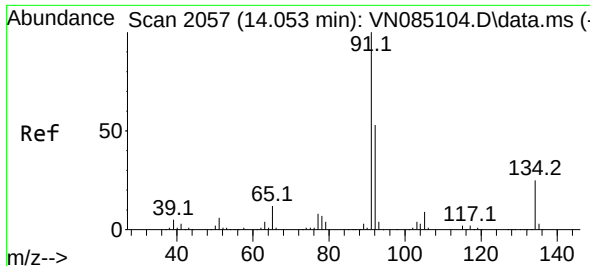
146 100

111 41.5 20.9 62.8

148 65.0 31.3 93.9



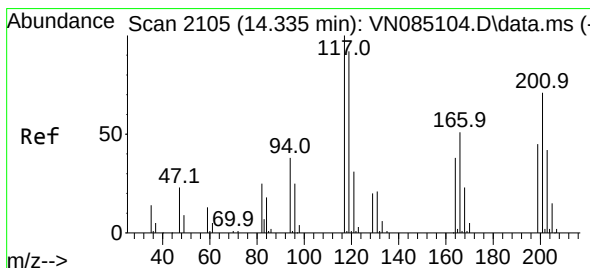
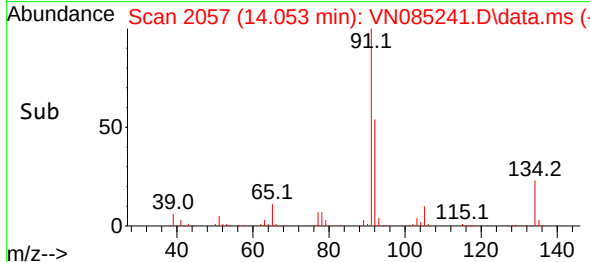
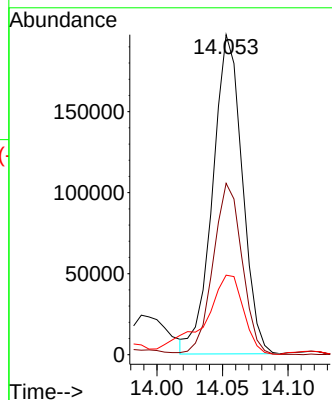
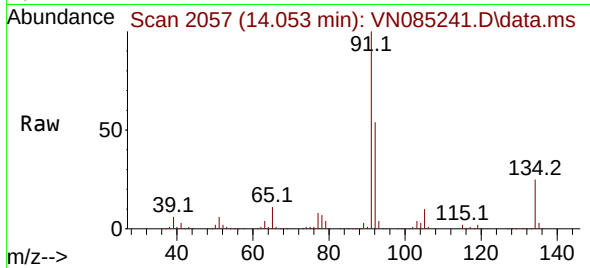




#89  
n-Butylbenzene  
Concen: 54.646 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

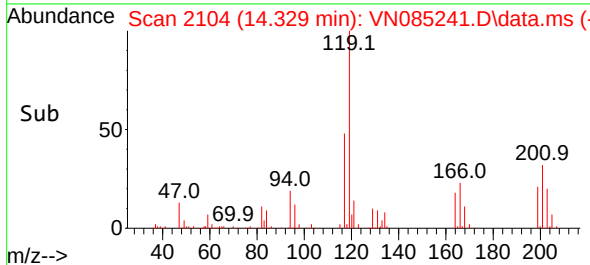
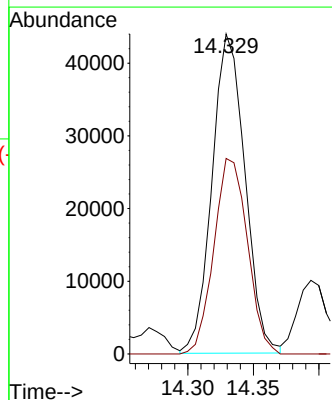
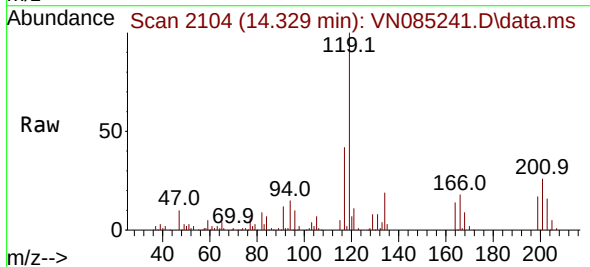
Instrument :  
MSVOA\_N  
ClientSampleId :

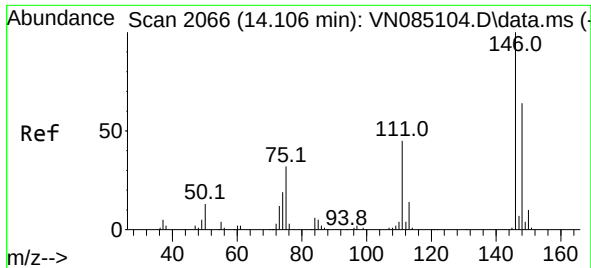
Tgt Ion: 91 Resp: 308991  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.8 80.3  
134 33.2 12.8 38.4



#90  
Hexachloroethane  
Concen: 57.861 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 117 Resp: 76685  
Ion Ratio Lower Upper  
117 100  
201 62.4 35.2 105.6

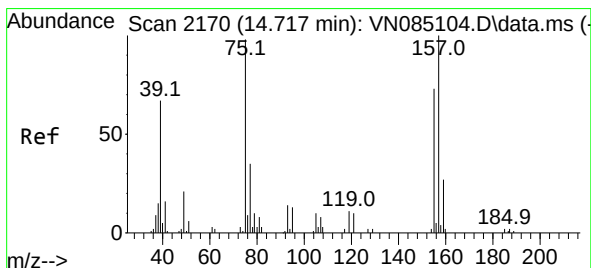
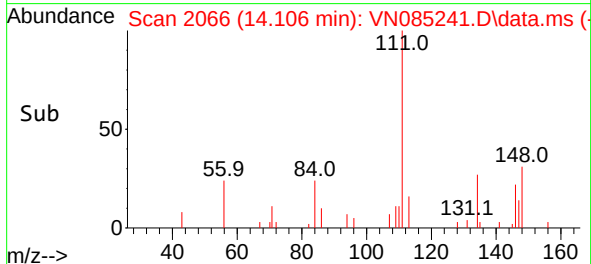
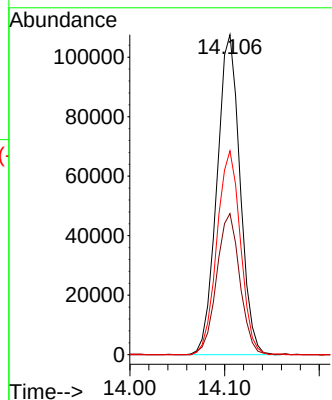
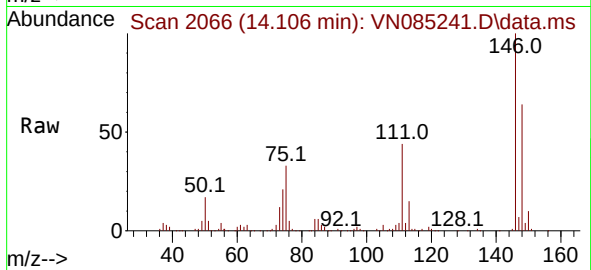




#91  
1,2-Dichlorobenzene  
Concen: 47.393 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

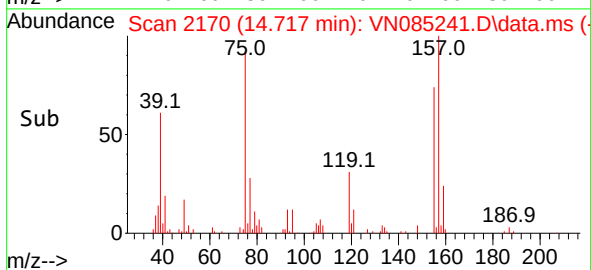
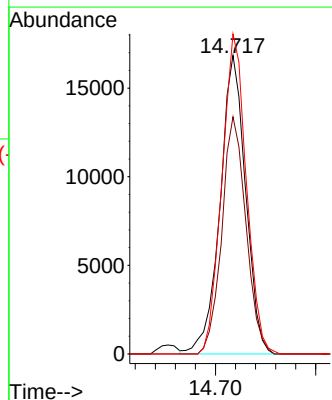
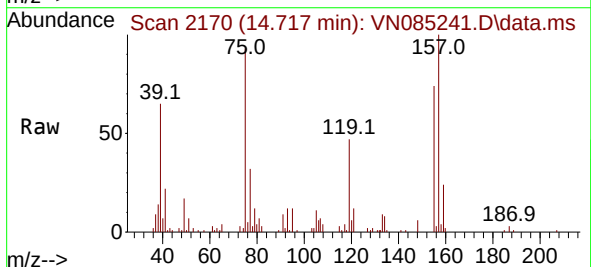
Instrument :  
MSVOA\_N  
ClientSampleId :

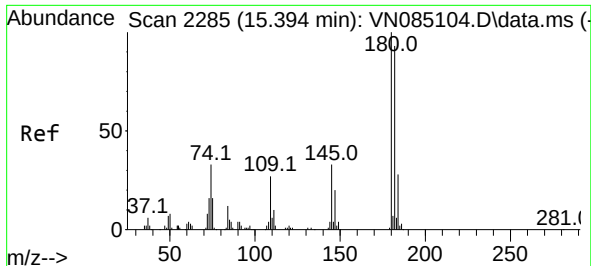
Tgt Ion:146 Resp: 182042  
Ion Ratio Lower Upper  
146 100  
111 44.4 21.9 65.8  
148 65.0 31.1 93.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 59.617 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN085241.D  
Acq: 17 Dec 2024 21:59

Tgt Ion: 75 Resp: 29729  
Ion Ratio Lower Upper  
75 100  
155 74.9 38.9 116.7  
157 102.6 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 47.436 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

ClientSampleId :

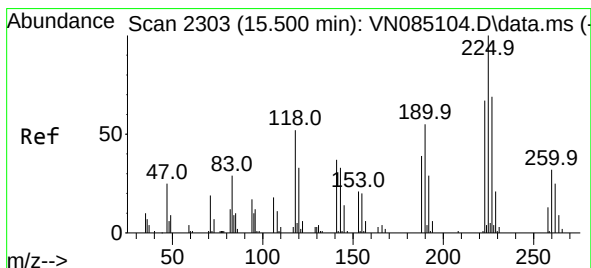
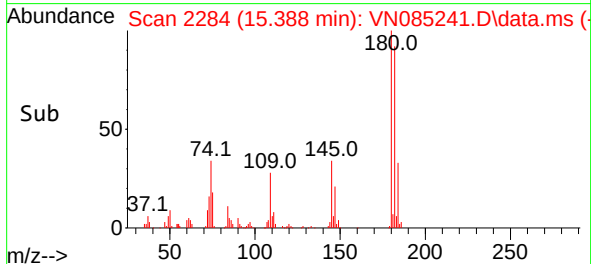
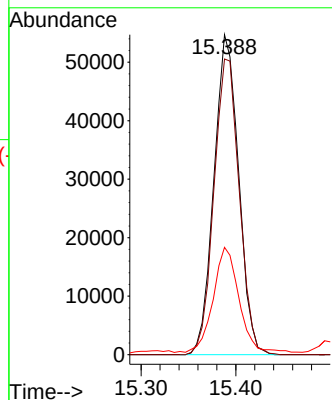
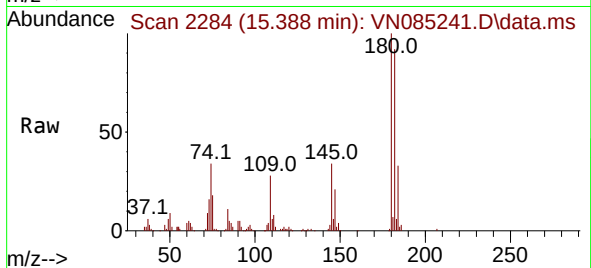
Tgt Ion:180 Resp: 98988

Ion Ratio Lower Upper

180 100

182 95.0 46.9 140.8

145 37.1 16.3 48.8



#94

Hexachlorobutadiene

Concen: 41.319 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

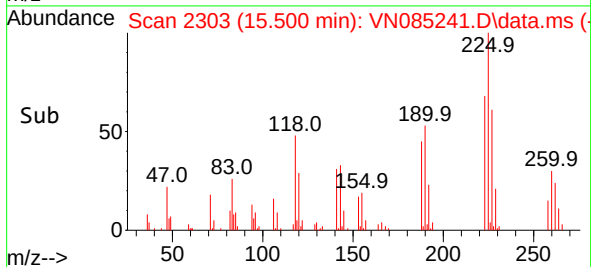
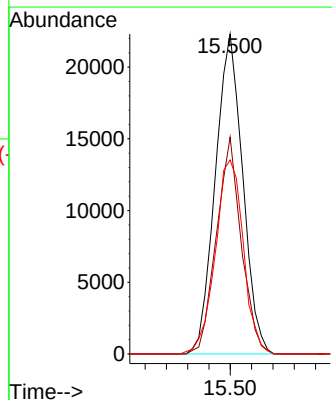
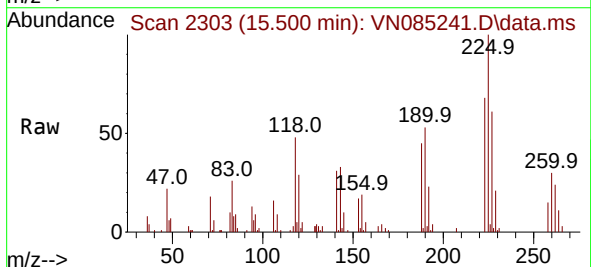
Tgt Ion:225 Resp: 39793

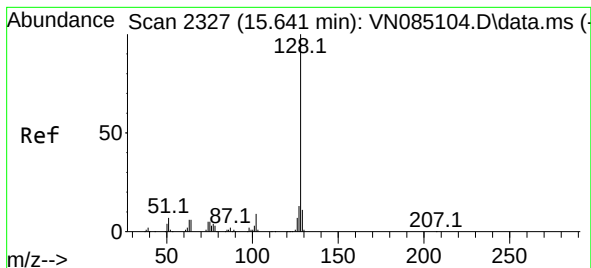
Ion Ratio Lower Upper

225 100

223 61.6 30.9 92.8

227 62.0 31.5 94.5





#95

Naphthalene

Concen: 87.245 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Instrument :

MSVOA\_N

ClientSampleId :

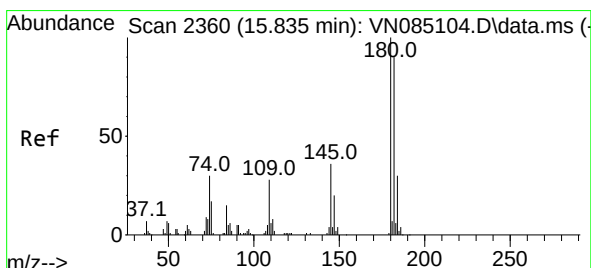
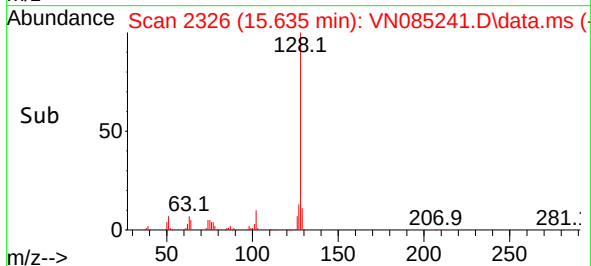
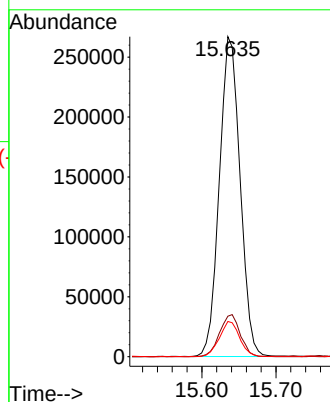
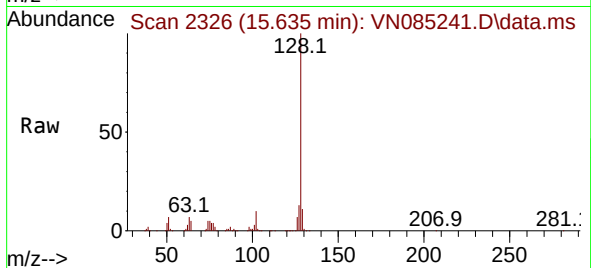
Tgt Ion:128 Resp: 518533

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.085 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085241.D

Acq: 17 Dec 2024 21:59

Tgt Ion:180 Resp: 95744

Ion Ratio Lower Upper

180 100

182 95.9 46.4 139.2

145 36.4 17.3 52.0

