

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN013125\  
 Data File : VN085591.D  
 Acq On : 31 Jan 2025 10:04  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Jan 31 22:23:10 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 190291   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 311950   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 284481   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 145646   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 152459   | 49.634   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 99.260%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 116708   | 53.927   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 107.860% |
| 50) Toluene-d8              | 10.565 | 98    | 415377   | 54.021   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 108.040% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 147501   | 56.078   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 112.160% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 103770  | 40.276  | ug/l   | 99  |
| 3) Chloromethane             | 2.359 | 50  | 110719  | 39.689  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.512 | 62  | 120110  | 42.836  | ug/l   | 97  |
| 5) Bromomethane              | 2.948 | 94  | 72429   | 42.763  | ug/l   | 98  |
| 6) Chloroethane              | 3.112 | 64  | 81085   | 45.613  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 191046  | 46.958  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.953 | 74  | 61086   | 43.462  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 110162  | 48.073  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.589 | 142 | 122885  | 46.827  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.506 | 59  | 102478  | 291.355 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 94663   | 46.352  | ug/l   | 98  |
| 13) Acrolein                 | 4.183 | 56  | 90056   | 187.561 | ug/l   | 97  |
| 14) Allyl chloride           | 5.024 | 41  | 143367  | 43.262  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.712 | 53  | 279267  | 249.970 | ug/l   | 99  |
| 16) Acetone                  | 4.424 | 43  | 238111  | 239.913 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.706 | 76  | 231929  | 36.884  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.018 | 43  | 163080  | 54.036  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.789 | 73  | 343910  | 51.861  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.271 | 84  | 117510  | 47.827  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 102553  | 46.987  | ug/l   | 100 |
| 22) Diisopropyl ether        | 6.665 | 45  | 379410  | 51.582  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.600 | 43  | 1337620 | 259.853 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 220300  | 49.119  | ug/l   | 98  |
| 25) 2-Butanone               | 7.477 | 43  | 370535  | 253.698 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 199084  | 54.902  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 126248  | 49.110  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.806 | 49  | 98995   | 47.443  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.836 | 42  | 246967  | 266.707 | ug/l   | 99  |
| 30) Chloroform               | 7.959 | 83  | 232358  | 50.126  | ug/l   | 100 |
| 31) Cyclohexane              | 8.253 | 56  | 161397  | 41.402  | ug/l   | 93  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 201948  | 49.666  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 148837  | 49.002  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.553 | 43  | 151771  | 49.505  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 179763  | 51.696  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.600 | 83  | 136843  | 47.944  | ug/l   | 98  |
| 40) Benzene                  | 8.600 | 78  | 465224  | 50.976  | ug/l   | 100 |

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 Data File : VN085591.D  
 Acq On : 31 Jan 2025 10:04  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jan 31 22:23:10 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 85378    | 53.528   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 178224   | 51.851   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.683  | 43   | 256966   | 52.309   | ug/l   | 99       |
| 44) Trichloroethene           | 9.347  | 130  | 105127   | 49.486   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 120938   | 51.880   | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 85588    | 50.884   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.882  | 83   | 185704   | 54.191   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.677  | 41   | 122530   | 55.425   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 40300    | 1082.516 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 813239   | 285.284  | ug/l   | 99       |
| 52) Toluene                   | 10.630 | 92   | 283889   | 53.686   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 175773   | 54.277   | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 188416   | 54.468   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 113662   | 54.314   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 168851   | 47.979   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 196125   | 53.898   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 369534   | 278.261  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 586256   | 292.282  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 139102   | 55.058   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 107453   | 51.584   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.100 | 164  | 101650   | 52.413   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.888 | 112  | 310267   | 49.786   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 116111   | 50.764   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.959 | 91   | 539837   | 53.184   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.065 | 106  | 417283   | 111.234  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 196000   | 54.671   | ug/l   | 99       |
| 70) Styrene                   | 12.406 | 104  | 344358   | 58.039   | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 90428    | 55.254   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 498892   | 50.753   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.488 | 43   | 218240   | 49.394   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 164103   | 47.260   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 218226   | 73.718   | ug/l   | 45       |
| 77) Bromobenzene              | 12.976 | 156  | 124316   | 48.406   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 617823   | 53.092   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 376644   | 50.010   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 435734   | 53.665   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 58483    | 53.451   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 387664   | 51.696   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 353864   | 51.897   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 442366   | 54.663   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 515181   | 54.515   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 426531   | 50.108   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 241411   | 51.042   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 233405   | 47.611   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 364737   | 53.798   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.329 | 117  | 86465    | 48.061   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 232755   | 49.337   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 30775    | 48.536   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 106670   | 48.649   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 56304    | 48.367   | ug/l   | 99       |
| 95) Naphthalene               | 15.635 | 128  | 315500   | 48.220   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 107609   | 48.503   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN013125\  
Data File : VN085591.D  
Acq On : 31 Jan 2025 10:04  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

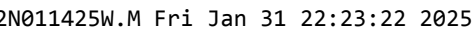
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

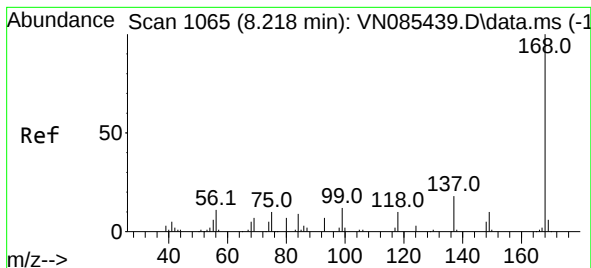
Quant Time: Jan 31 22:23:10 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 15 02:16:08 2025  
Response via : Initial Calibration

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

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

Quant Time: Jan 31 22:23:10 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 15 02:16:08 2025  
Response via : Initial Calibration

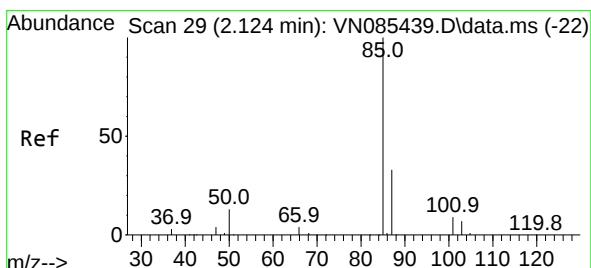
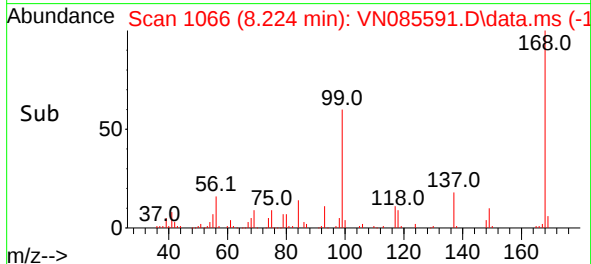
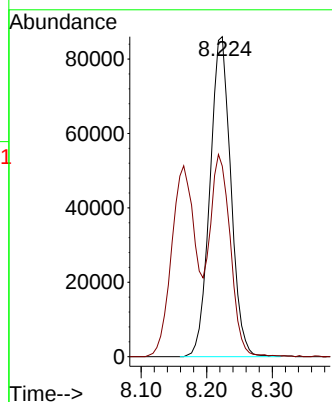
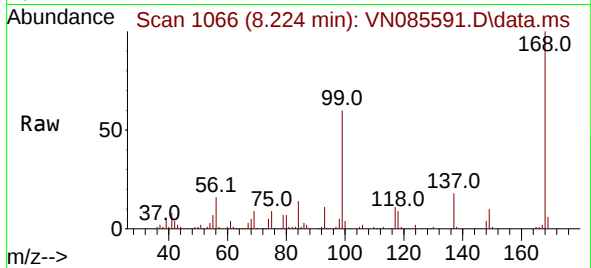




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

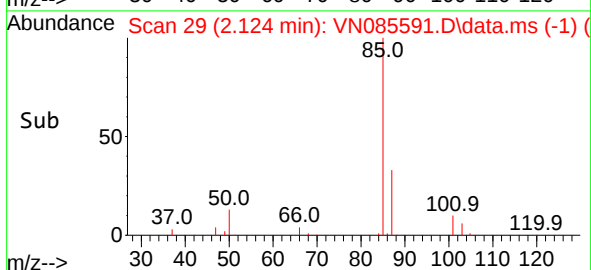
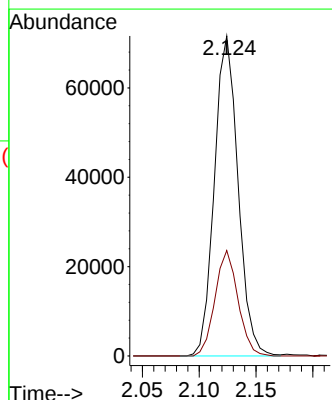
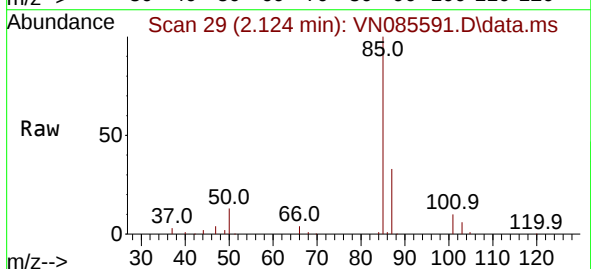
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

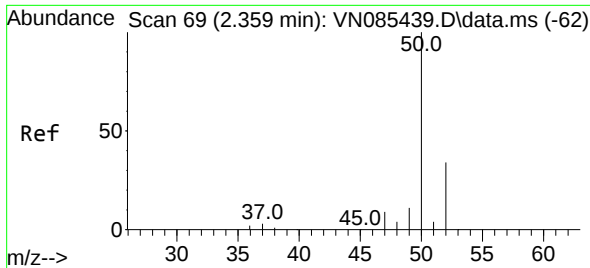
Tgt Ion:168 Resp: 190291  
Ion Ratio Lower Upper  
168 100  
99 59.3 53.6 80.4



#2  
Dichlorodifluoromethane  
Concen: 40.276 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 85 Resp: 103770  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.7 50.1

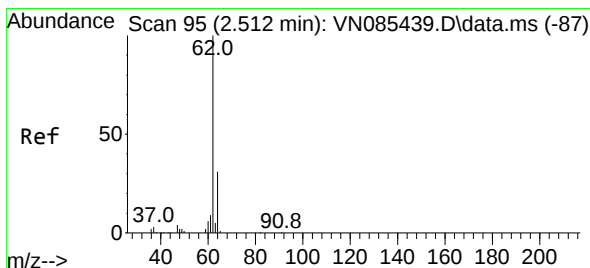
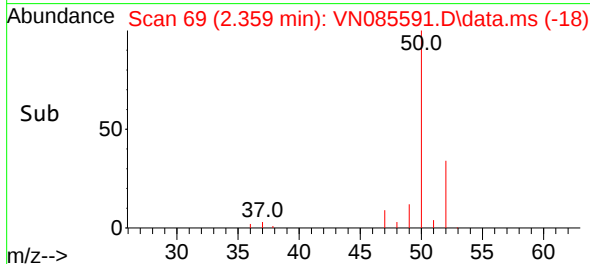
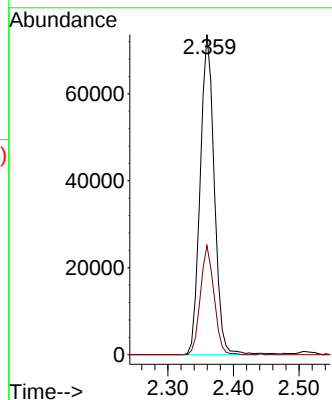
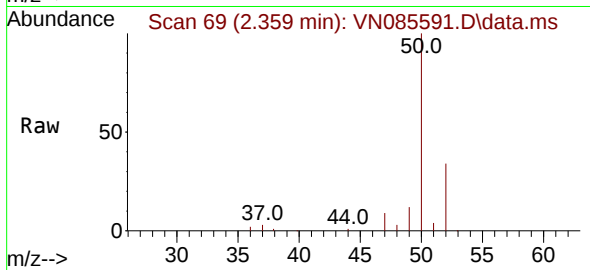




#3  
Chloromethane  
Concen: 39.689 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

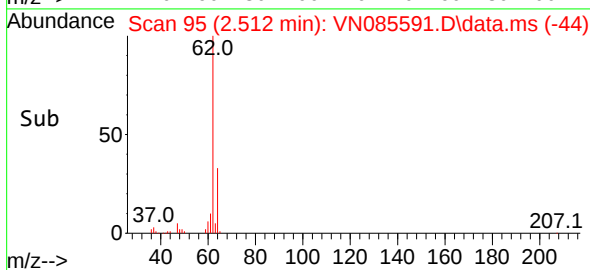
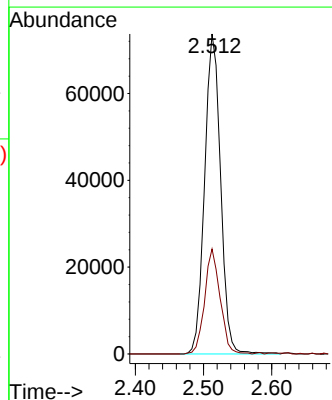
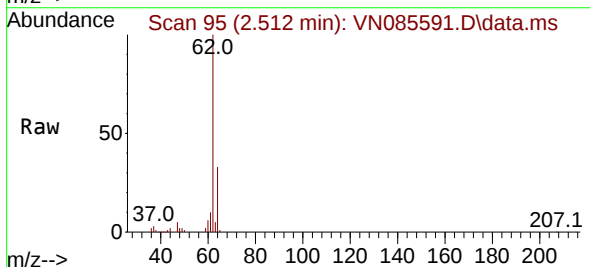
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

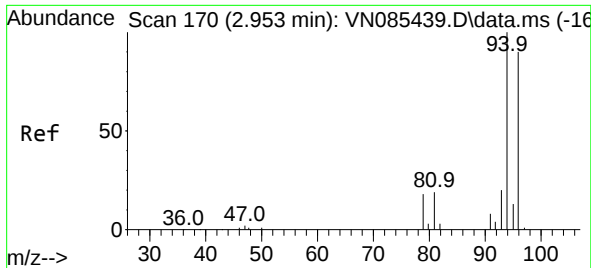
Tgt Ion: 50 Resp: 110719  
Ion Ratio Lower Upper  
50 100  
52 34.1 27.0 40.6



#4  
Vinyl Chloride  
Concen: 42.836 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 62 Resp: 120110  
Ion Ratio Lower Upper  
62 100  
64 32.8 24.8 37.2

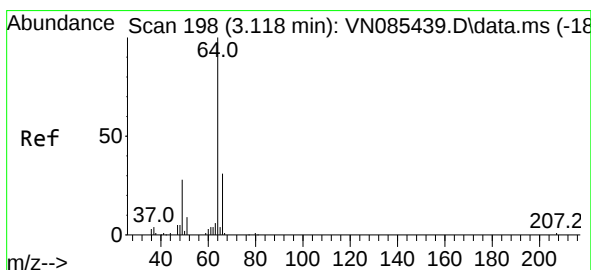
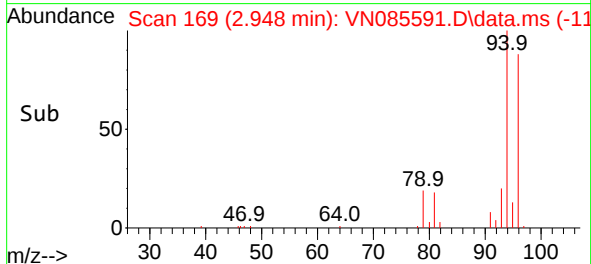
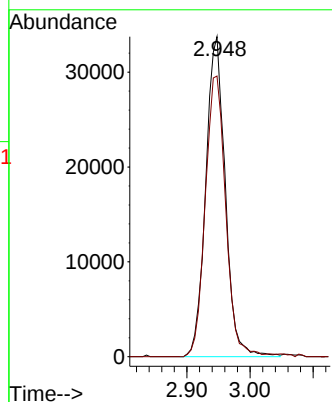
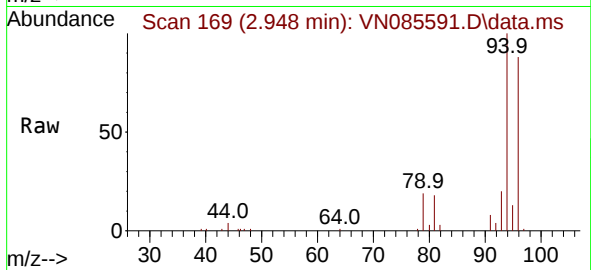




#5  
Bromomethane  
Concen: 42.763 ug/l  
RT: 2.948 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

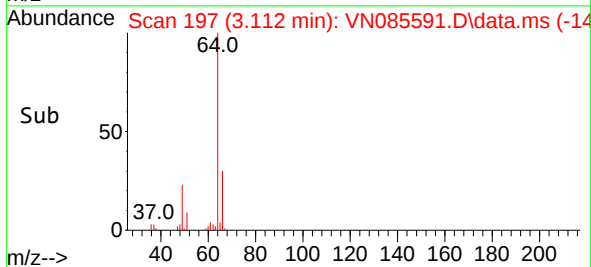
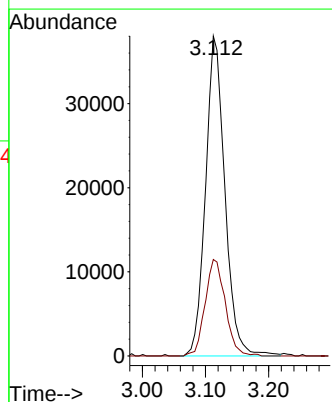
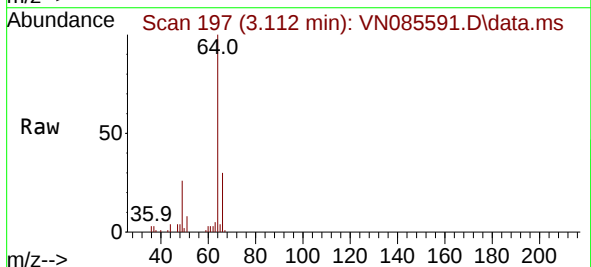
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

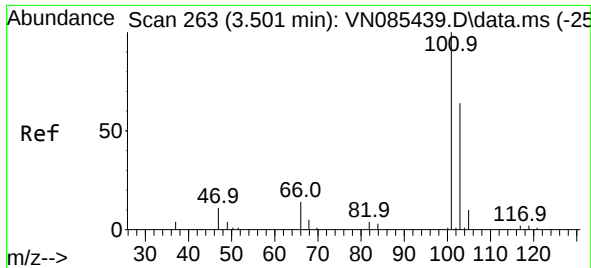
Tgt Ion: 94 Resp: 72429  
Ion Ratio Lower Upper  
94 100  
96 87.7 71.8 107.6



#6  
Chloroethane  
Concen: 45.613 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.006 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 64 Resp: 81085  
Ion Ratio Lower Upper  
64 100  
66 30.1 24.6 36.8

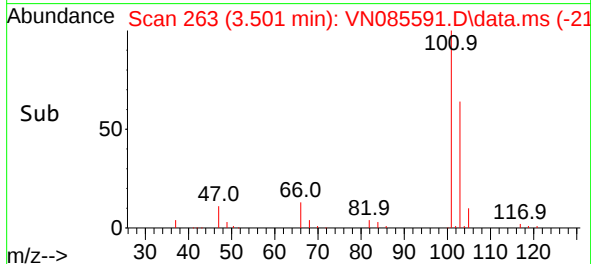
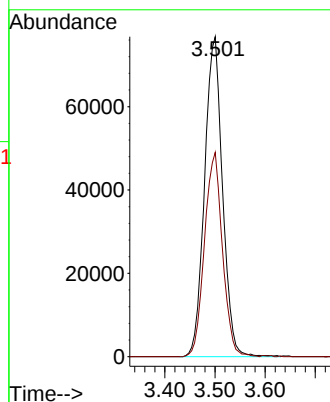
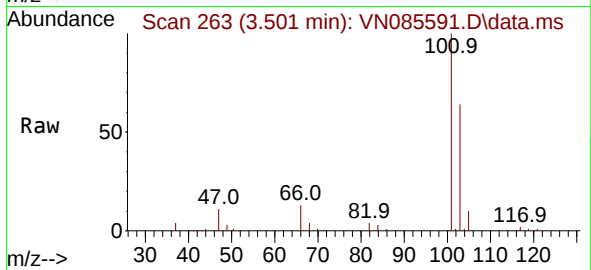




#7  
 Trichlorofluoromethane  
 Concen: 46.958 ug/l  
 RT: 3.501 min Scan# 210  
 Delta R.T. 0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

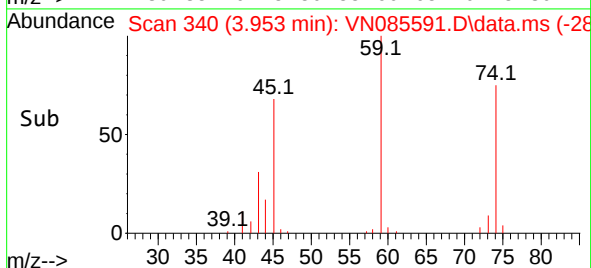
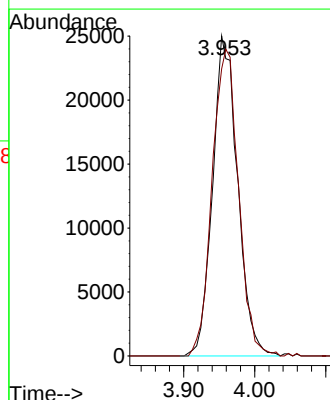
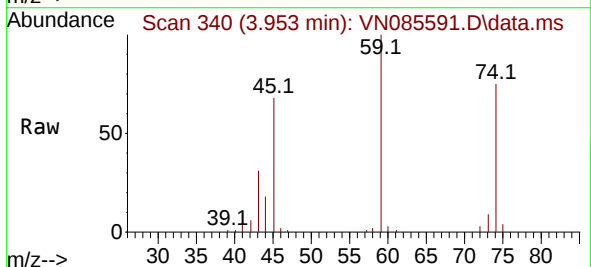
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 ClientSampleId :  
 VSTDCCC050

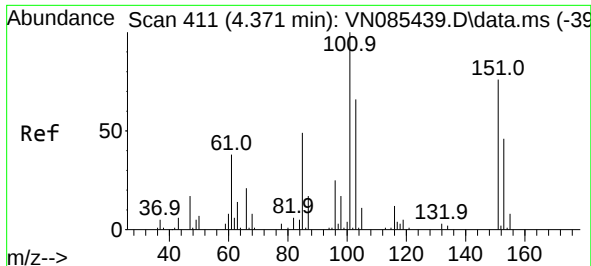
Tgt Ion:101 Resp: 191046  
 Ion Ratio Lower Upper  
 101 100  
 103 63.8 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 43.462 ug/l  
 RT: 3.953 min Scan# 340  
 Delta R.T. 0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

Tgt Ion: 74 Resp: 61086  
 Ion Ratio Lower Upper  
 74 100  
 45 101.0 49.7 149.1

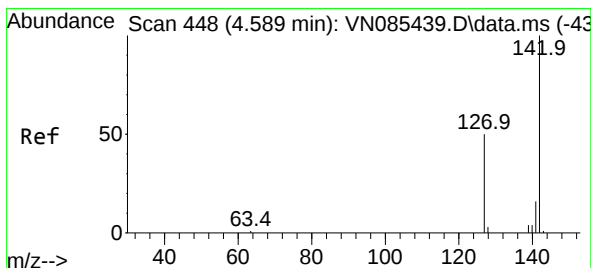
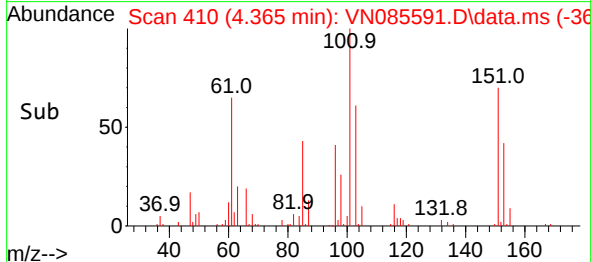
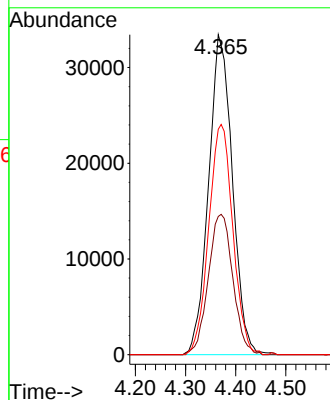
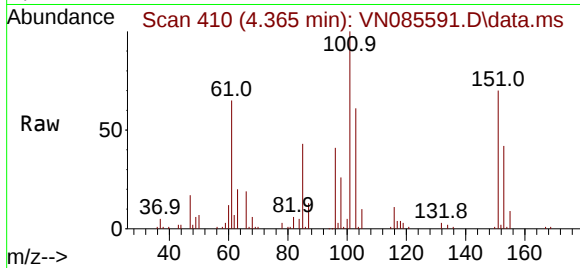




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 48.073 ug/l  
 RT: 4.365 min Scan# 411  
 Delta R.T. -0.006 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

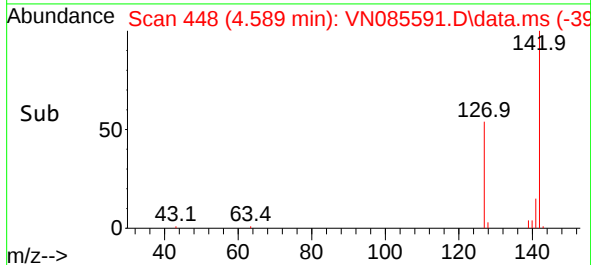
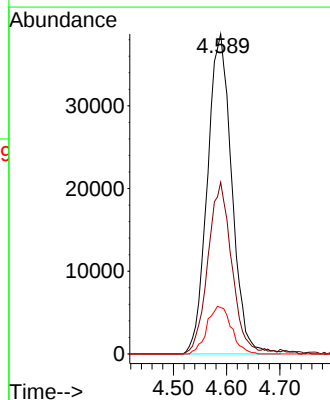
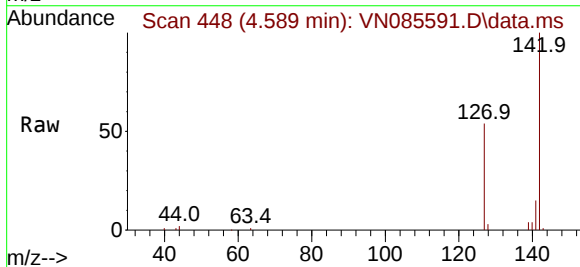
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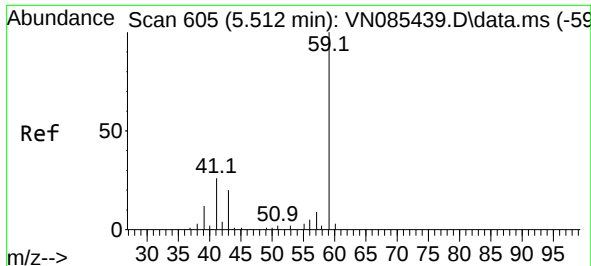
Tgt Ion:101 Resp: 110162  
 Ion Ratio Lower Upper  
 101 100  
 85 45.3 37.8 56.8  
 151 73.0 58.8 88.2



#10  
 Methyl Iodide  
 Concen: 46.827 ug/l  
 RT: 4.589 min Scan# 448  
 Delta R.T. 0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

Tgt Ion:142 Resp: 122885  
 Ion Ratio Lower Upper  
 142 100  
 127 53.7 40.3 60.5  
 141 14.5 12.8 19.2

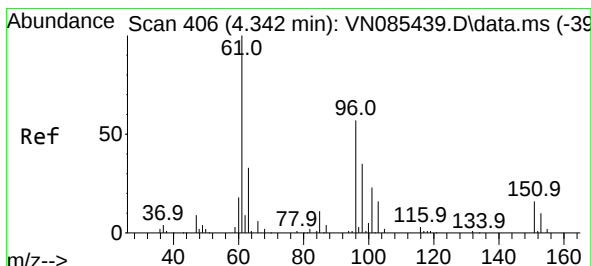
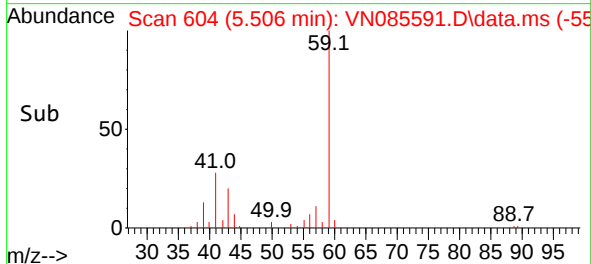
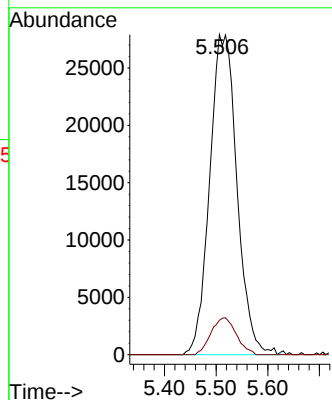
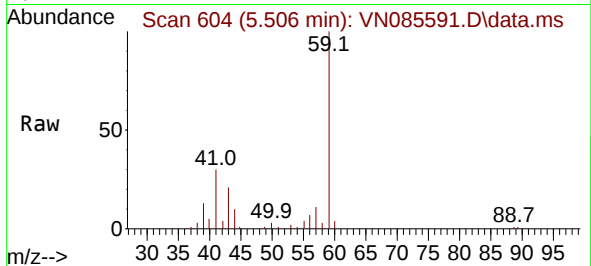




#11  
Tert butyl alcohol  
Concen: 291.355 ug/l  
RT: 5.506 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

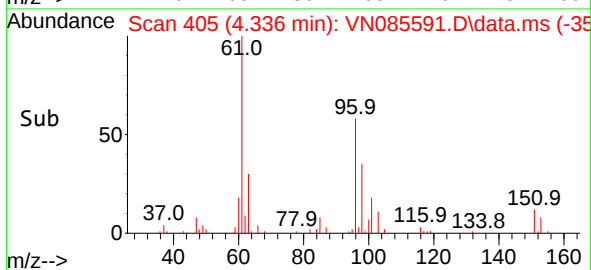
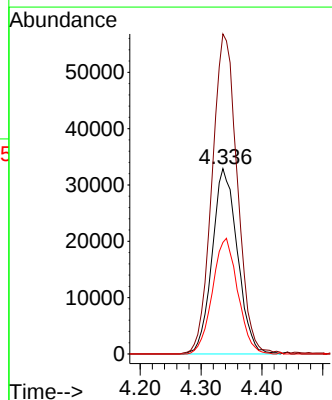
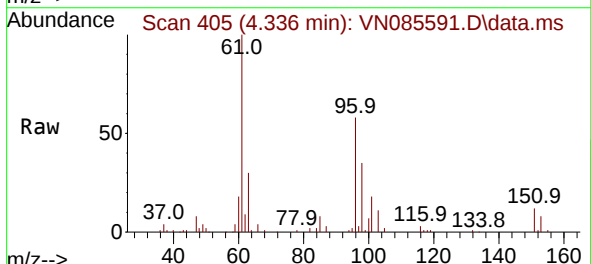
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 59 Resp: 102478  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.6 13.0



#12  
1,1-Dichloroethene  
Concen: 46.352 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 96 Resp: 94663  
Ion Ratio Lower Upper  
96 100  
61 172.6 141.0 211.4  
98 60.2 49.0 73.6





#13

Acrolein

Concen: 187.561 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

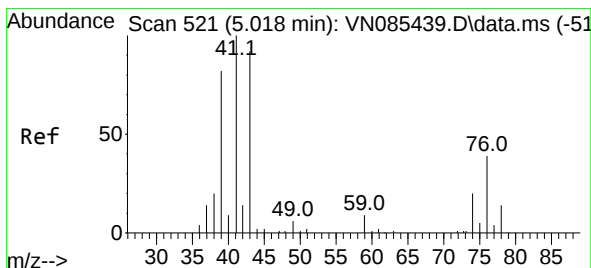
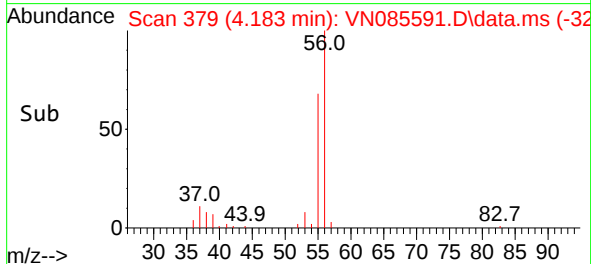
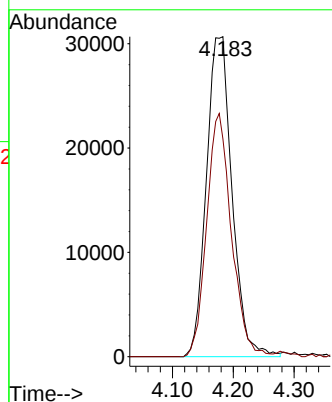
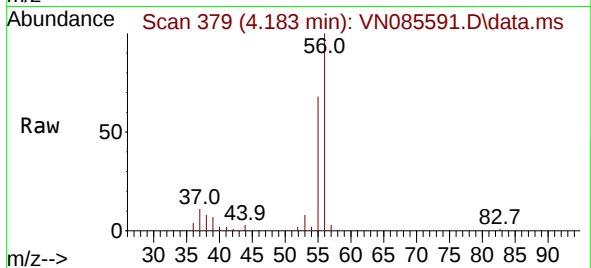
VSTDCCC050

Tgt Ion: 56 Resp: 90056

Ion Ratio Lower Upper

56 100

55 73.2 56.3 84.5



#14

Allyl chloride

Concen: 43.262 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

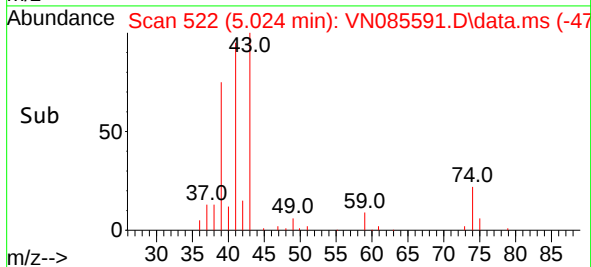
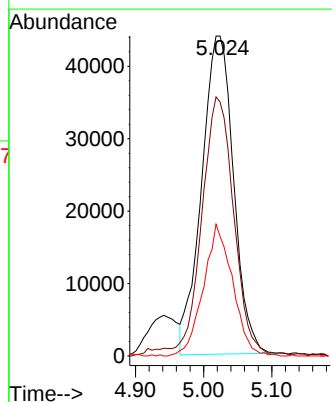
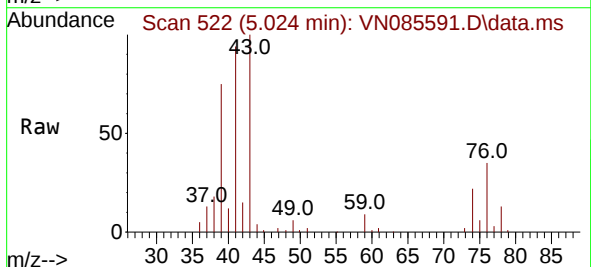
Tgt Ion: 41 Resp: 143367

Ion Ratio Lower Upper

41 100

39 82.9 64.4 96.6

76 37.9 30.5 45.7

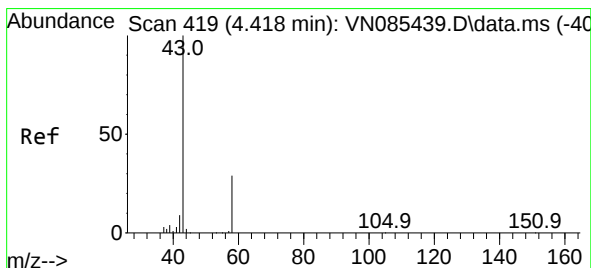
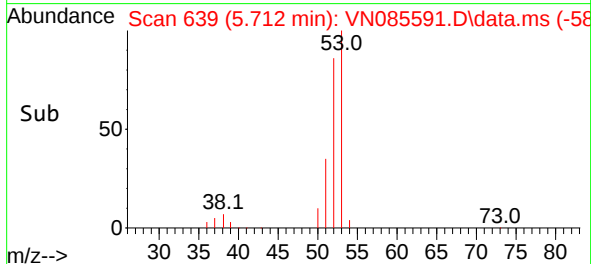
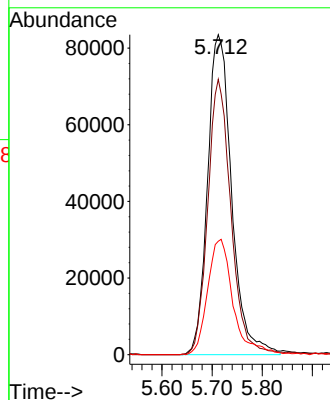
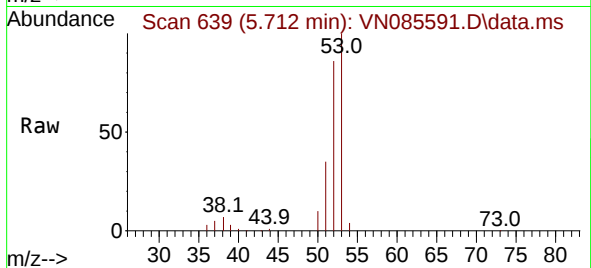




#15  
Acrylonitrile  
Concen: 249.970 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

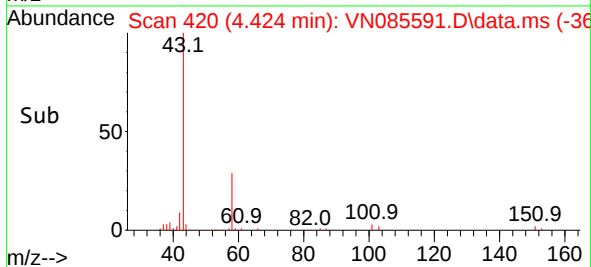
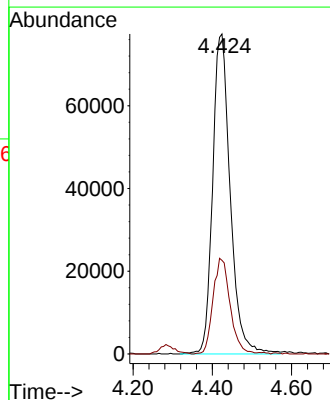
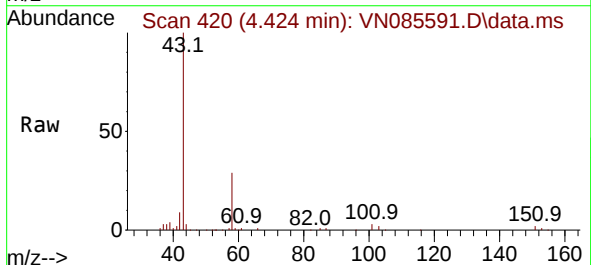
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ClientSampleId :  
VSTDCCC050

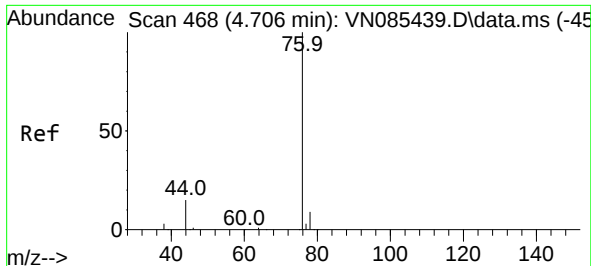
Tgt Ion: 53 Resp: 279267  
Ion Ratio Lower Upper  
53 100  
52 82.7 65.5 98.3  
51 38.1 29.8 44.8



#16  
Acetone  
Concen: 239.913 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 43 Resp: 238111  
Ion Ratio Lower Upper  
43 100  
58 29.0 23.8 35.6

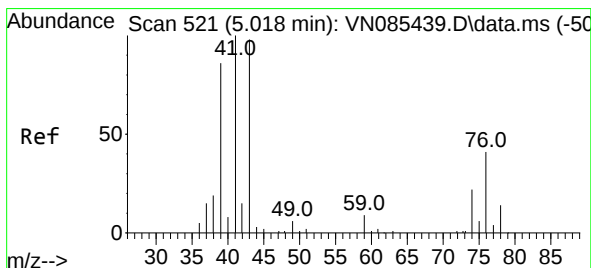
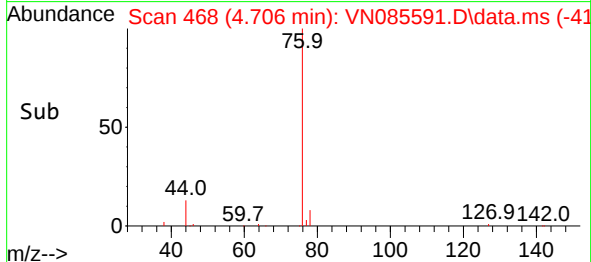
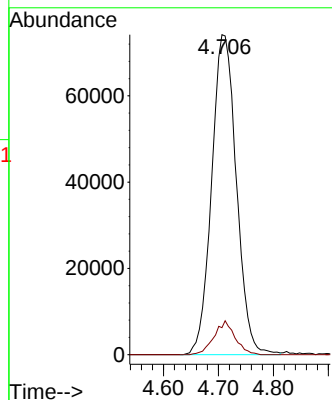
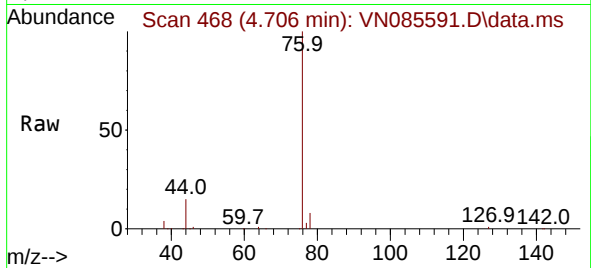




#17  
Carbon Disulfide  
Concen: 36.884 ug/l  
RT: 4.706 min Scan# 468  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

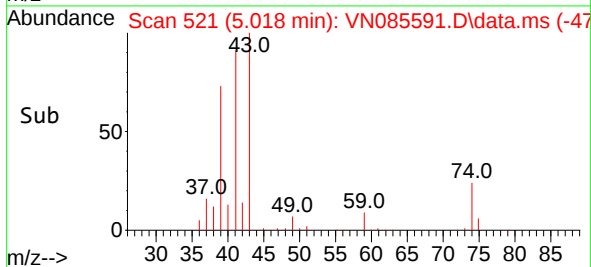
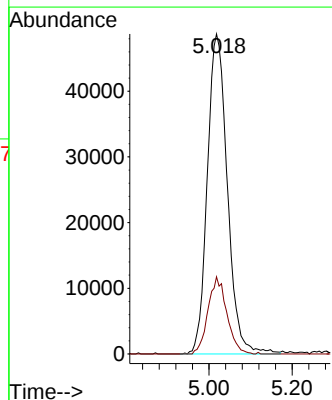
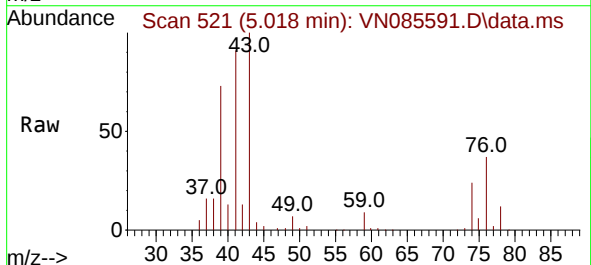
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

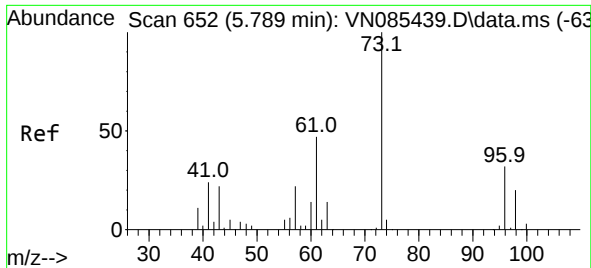
Tgt Ion: 76 Resp: 231929  
Ion Ratio Lower Upper  
76 100  
78 8.5 6.9 10.3



#18  
Methyl Acetate  
Concen: 54.036 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 43 Resp: 163080  
Ion Ratio Lower Upper  
43 100  
74 22.6 18.6 28.0

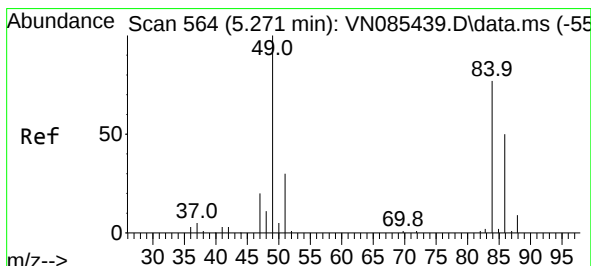
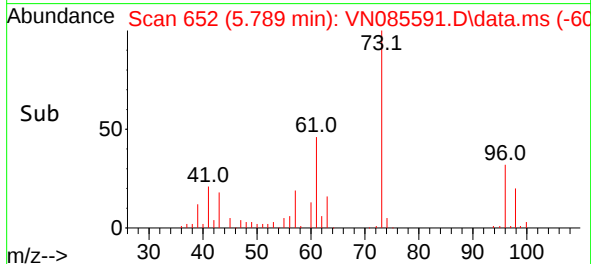
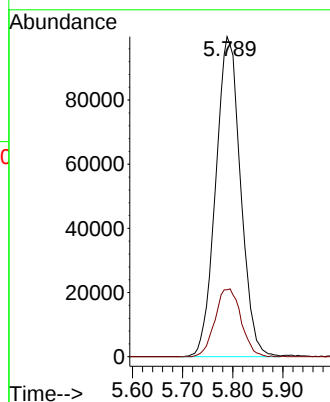
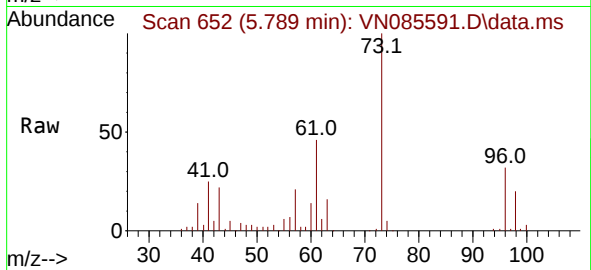




#19  
Methyl tert-butyl Ether  
Concen: 51.861 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

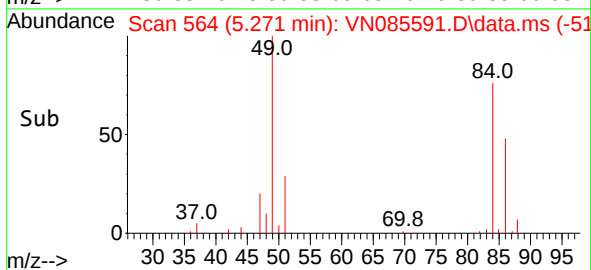
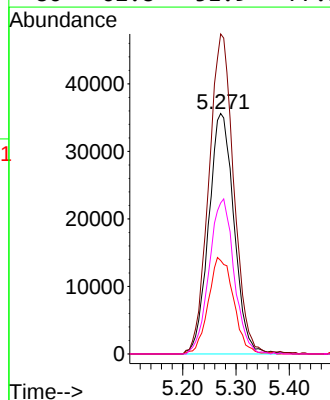
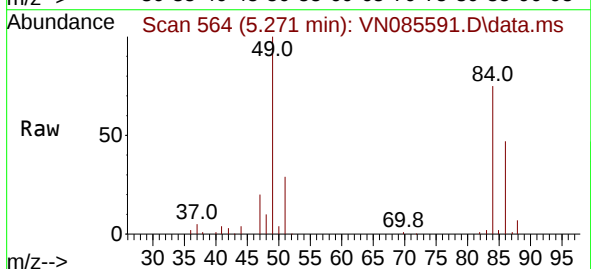
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ClientSampleId :  
VSTDCCC050

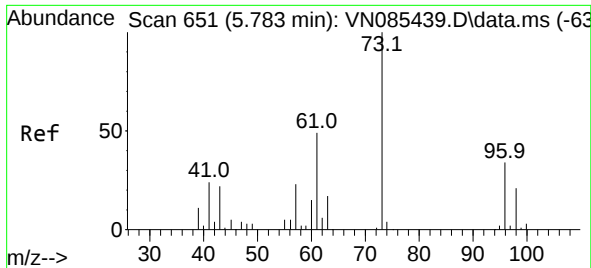
Tgt Ion: 73 Resp: 343910  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.8 26.8



#20  
Methylene Chloride  
Concen: 47.827 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 84 Resp: 117510  
Ion Ratio Lower Upper  
84 100  
49 133.1 104.1 156.1  
51 38.9 31.0 46.4  
86 62.8 51.9 77.9

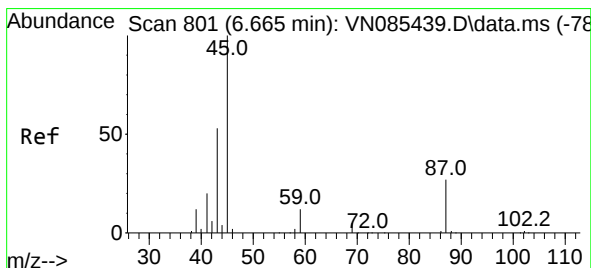
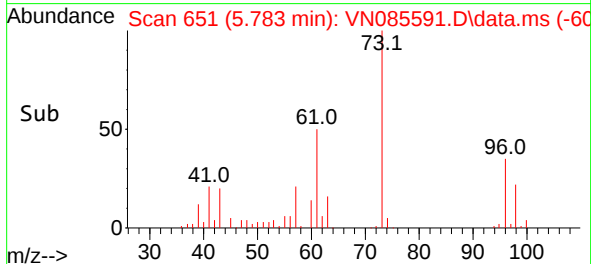
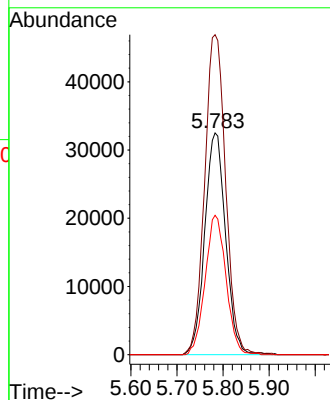
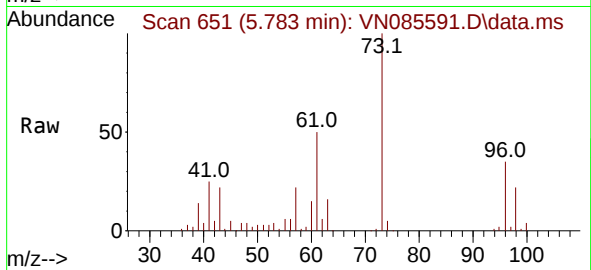




#21  
trans-1,2-Dichloroethene  
Concen: 46.987 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

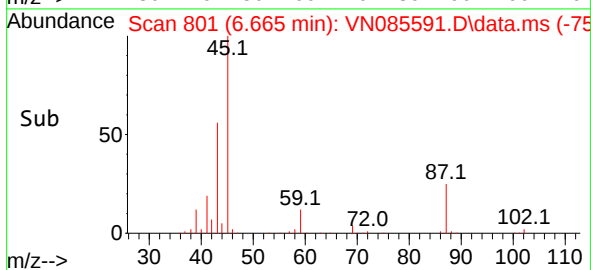
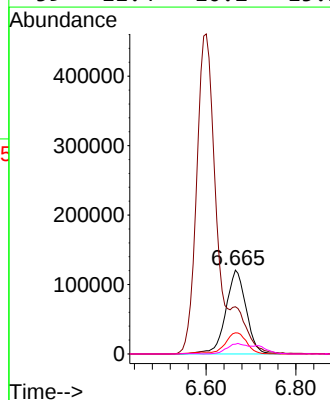
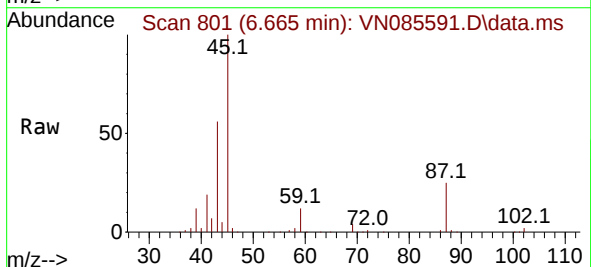
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

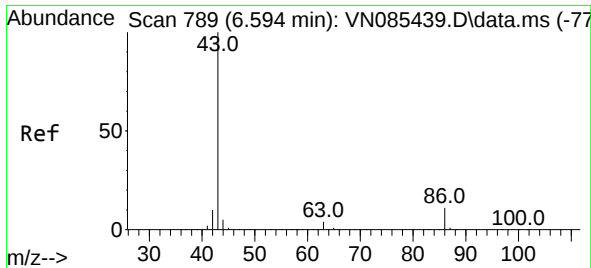
Tgt Ion: 96 Resp: 102553  
Ion Ratio Lower Upper  
96 100  
61 144.3 115.7 173.5  
98 62.9 49.8 74.8



#22  
Diisopropyl ether  
Concen: 51.582 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 45 Resp: 379410  
Ion Ratio Lower Upper  
45 100  
43 55.1 45.0 67.6  
87 25.2 21.8 32.8  
59 11.4 10.2 15.2

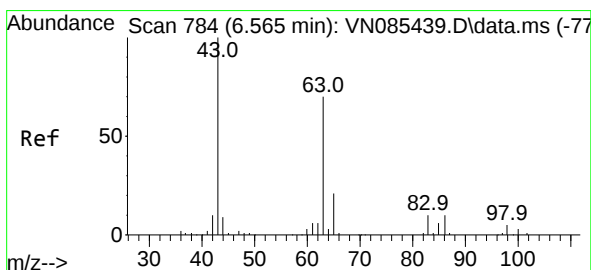
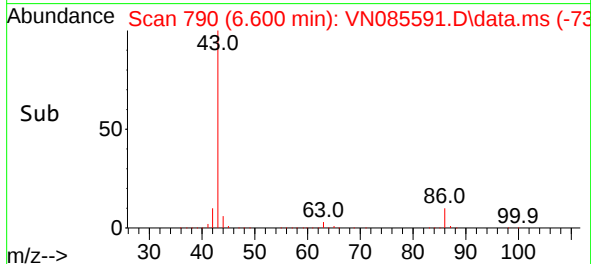
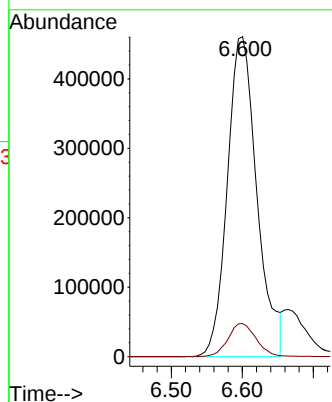
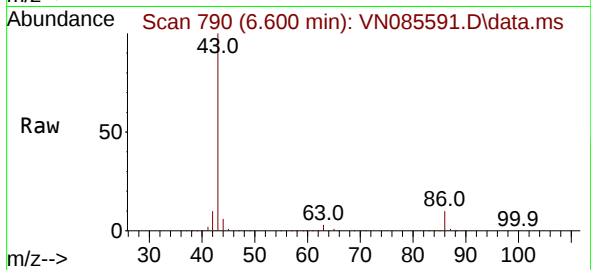




#23  
 Vinyl Acetate  
 Concen: 259.853 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

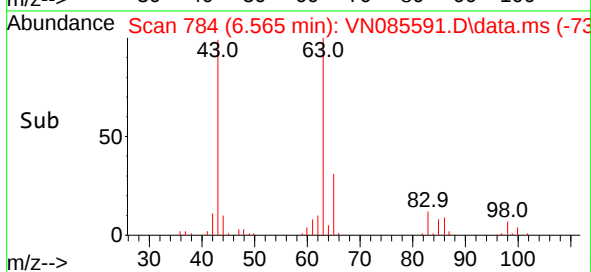
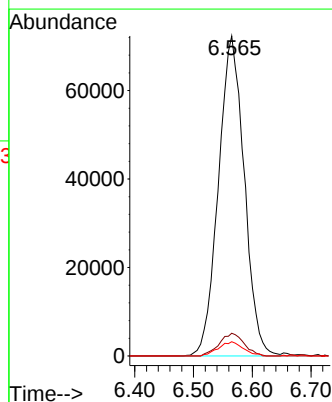
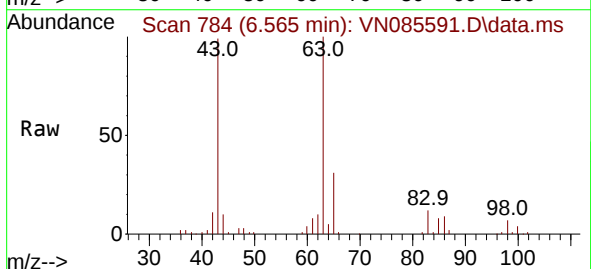
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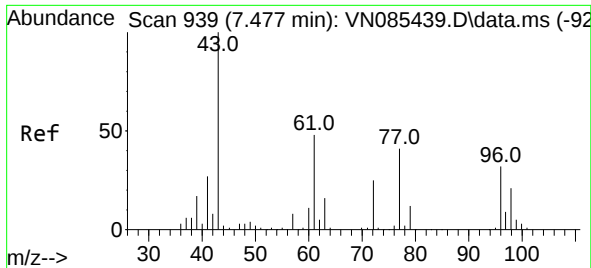
Tgt Ion: 43 Resp: 1337620  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.4 12.6



#24  
 1,1-Dichloroethane  
 Concen: 49.119 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

Tgt Ion: 63 Resp: 220300  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.3 9.8  
 100 4.5 2.0 6.0

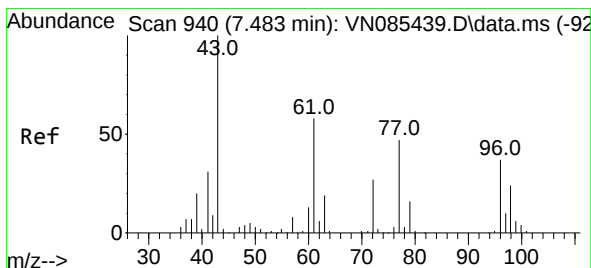
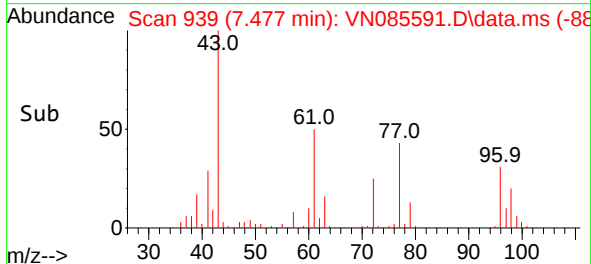
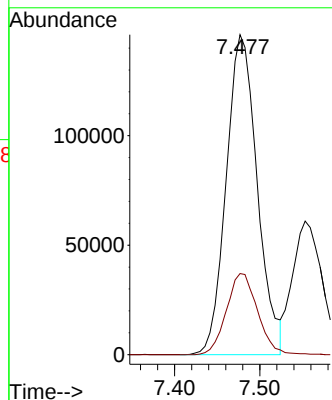
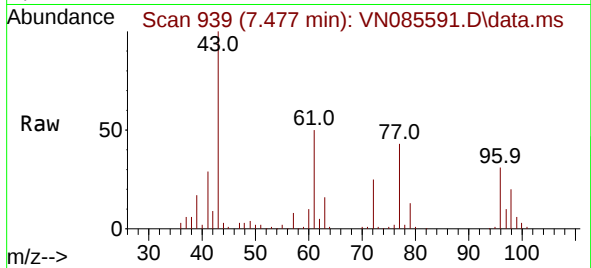




#25  
2-Butanone  
Concen: 253.698 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

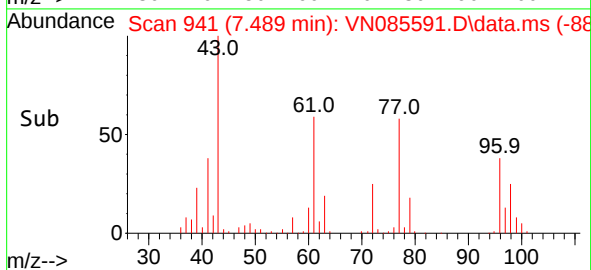
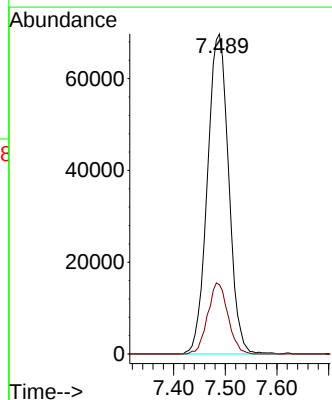
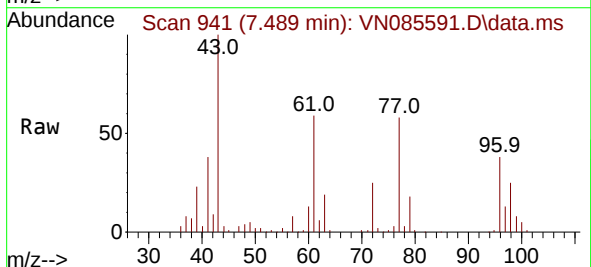
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

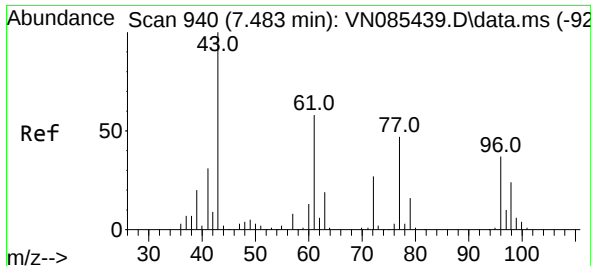
Tgt Ion: 43 Resp: 370535  
Ion Ratio Lower Upper  
43 100  
72 25.4 20.2 30.4



#26  
2,2-Dichloropropane  
Concen: 54.902 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 77 Resp: 199084  
Ion Ratio Lower Upper  
77 100  
97 21.2 10.7 32.1

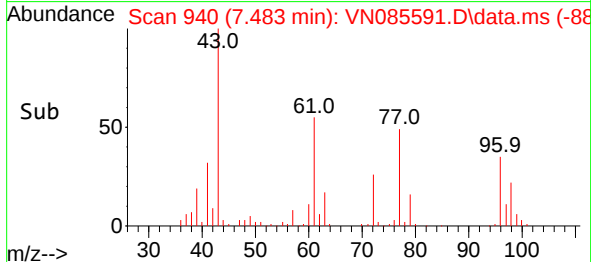
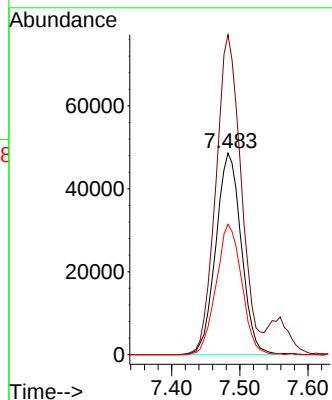
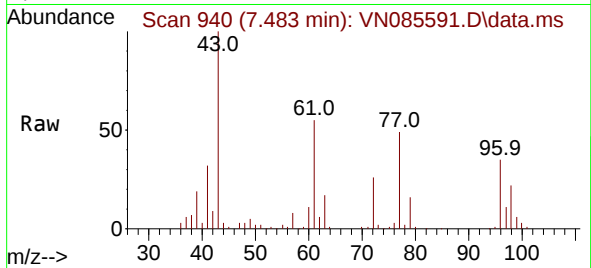




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.110 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

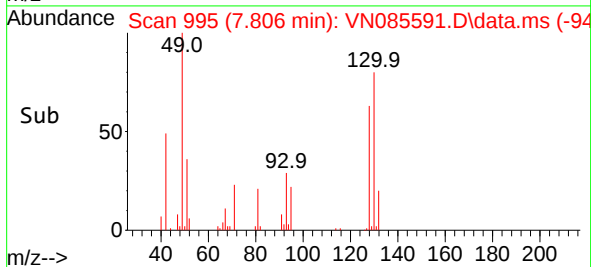
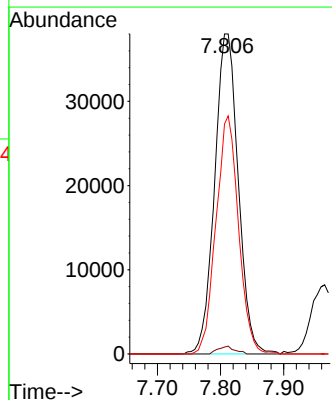
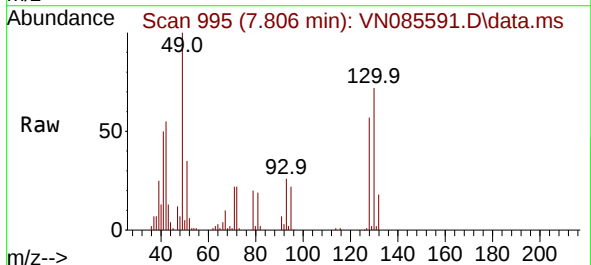
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

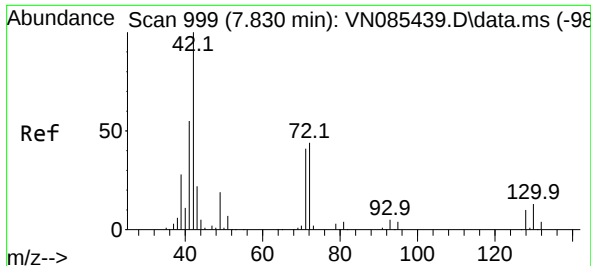
Tgt Ion: 96 Resp: 126248  
 Ion Ratio Lower Upper  
 96 100  
 61 158.7 0.0 311.8  
 98 64.9 0.0 126.0



#28  
 Bromochloromethane  
 Concen: 47.443 ug/l  
 RT: 7.806 min Scan# 995  
 Delta R.T. 0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

Tgt Ion: 49 Resp: 98995  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 4.4  
 130 70.9 55.0 82.4





#29

Tetrahydrofuran

Concen: 266.707 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

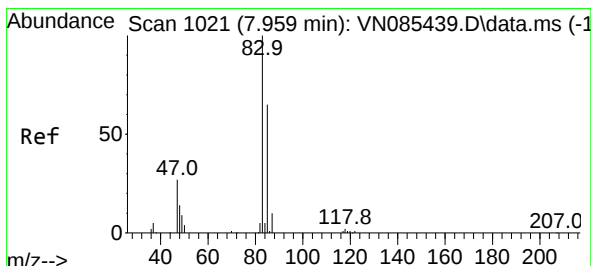
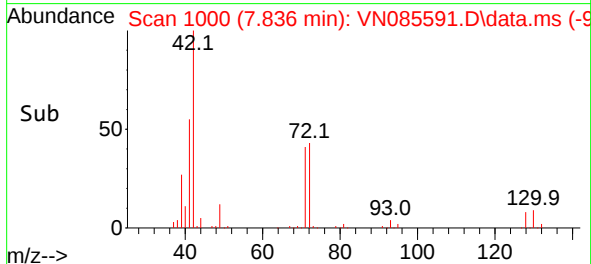
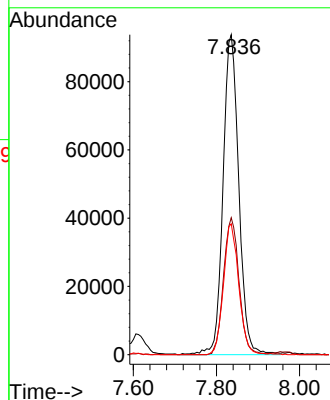
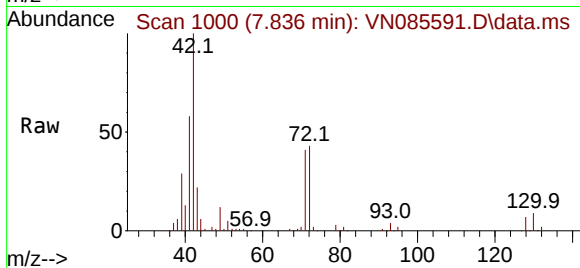
Tgt Ion: 42 Resp: 246967

Ion Ratio Lower Upper

42 100

72 42.1 34.2 51.2

71 39.9 32.5 48.7



#30

Chloroform

Concen: 50.126 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VN085591.D

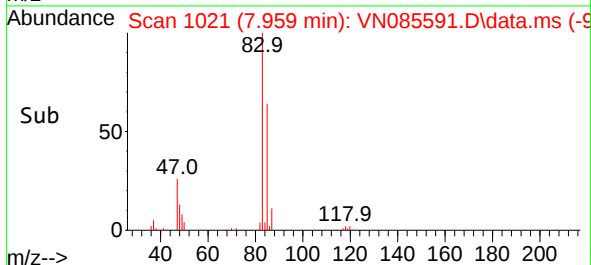
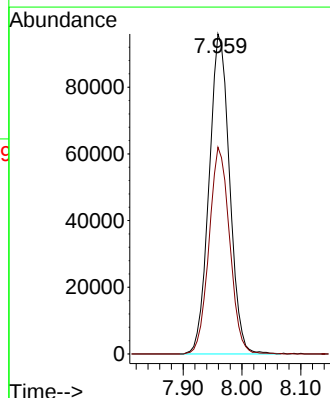
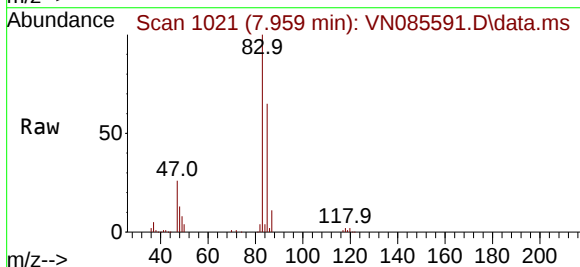
Acq: 31 Jan 2025 10:04

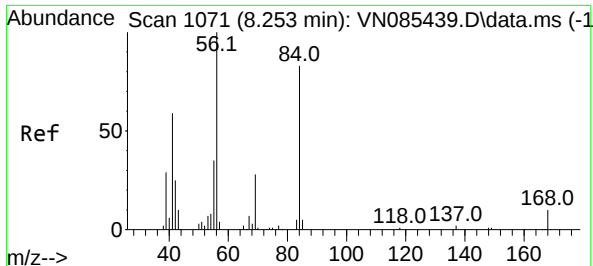
Tgt Ion: 83 Resp: 232358

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.6

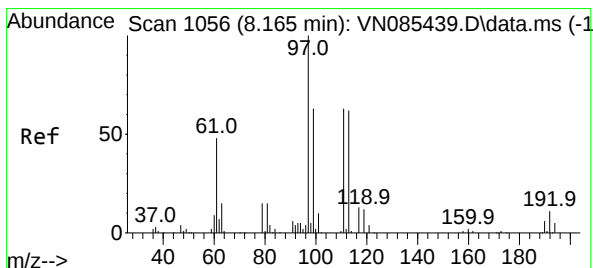
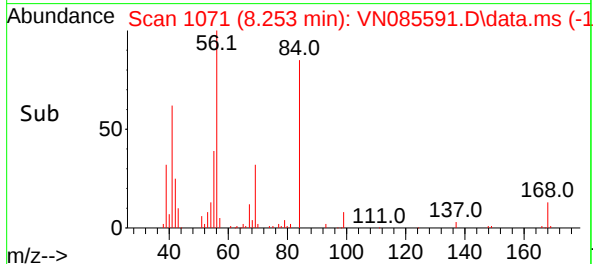
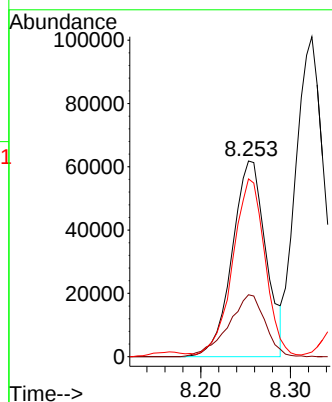
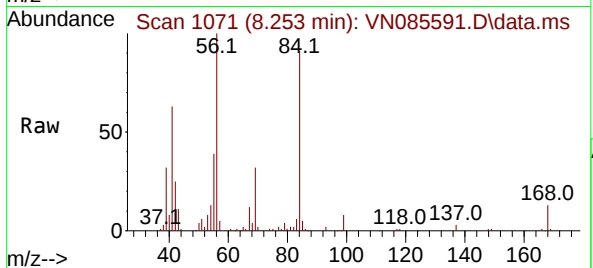




#31  
Cyclohexane  
Concen: 41.402 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

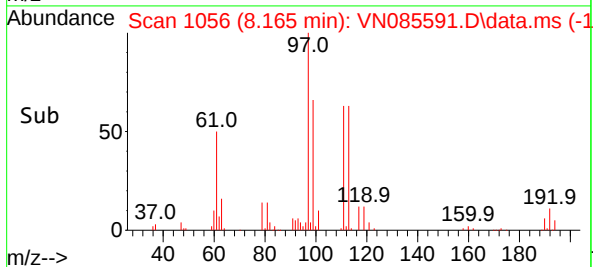
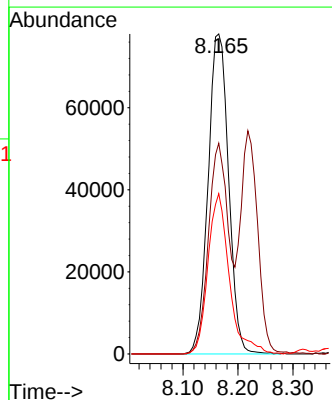
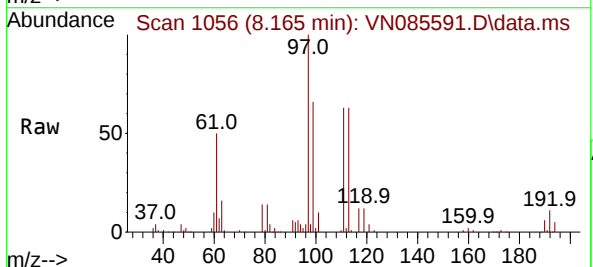
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

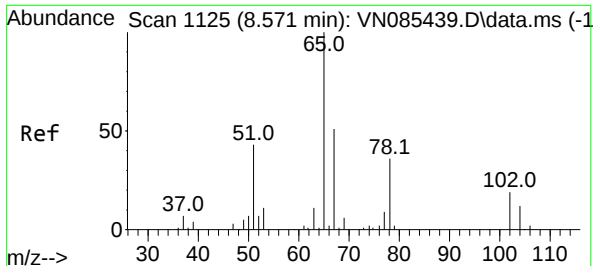
Tgt Ion: 56 Resp: 161397  
Ion Ratio Lower Upper  
56 100  
69 31.7 22.2 33.4  
84 89.1 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 49.666 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 97 Resp: 201948  
Ion Ratio Lower Upper  
97 100  
99 65.3 49.8 74.6  
61 52.3 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 49.634 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

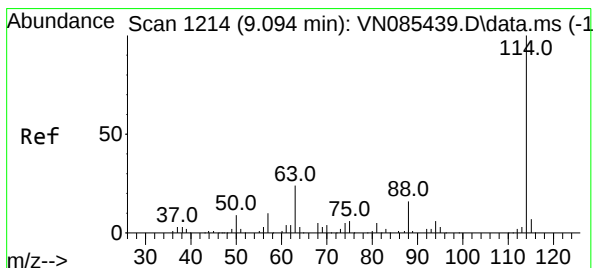
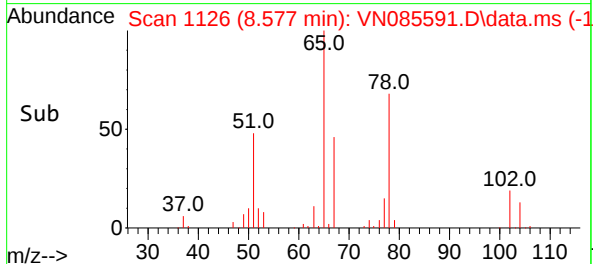
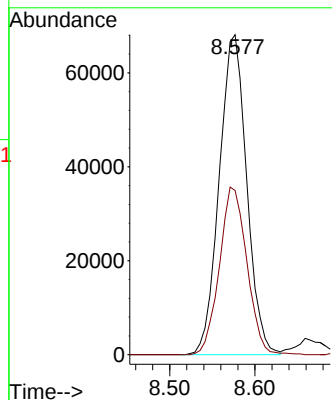
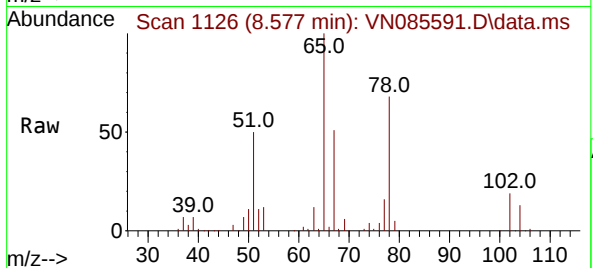
VSTDCCC050

Tgt Ion: 65 Resp: 152459

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

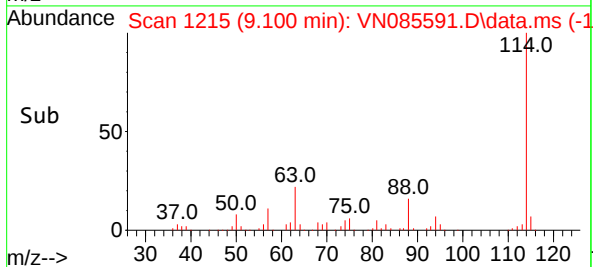
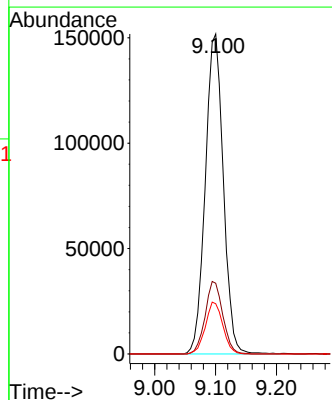
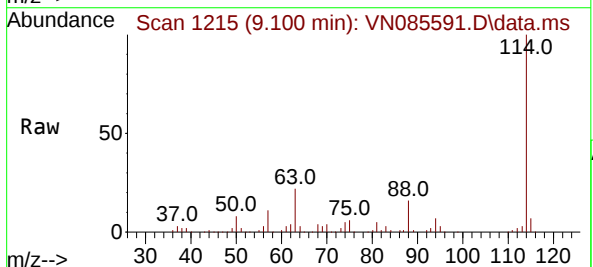
Tgt Ion: 114 Resp: 311950

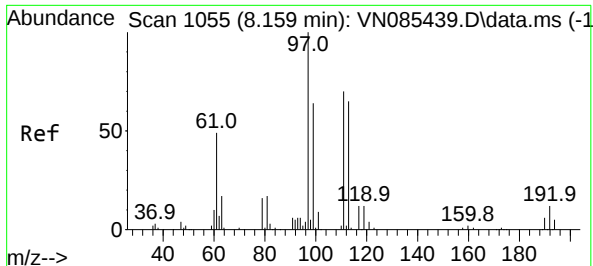
Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.6

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.927 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

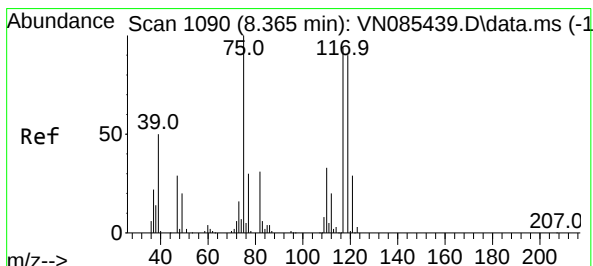
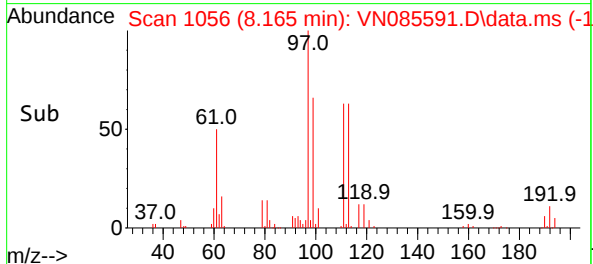
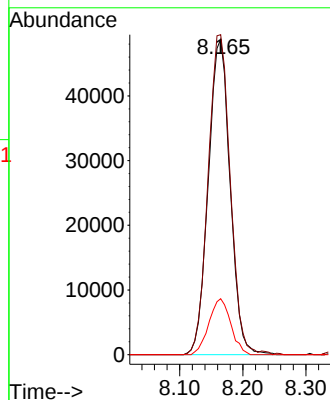
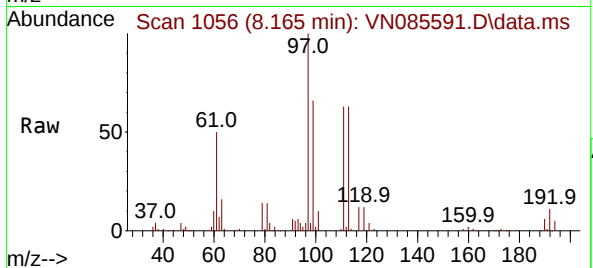
Tgt Ion:113 Resp: 116708

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

192 17.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 49.002 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

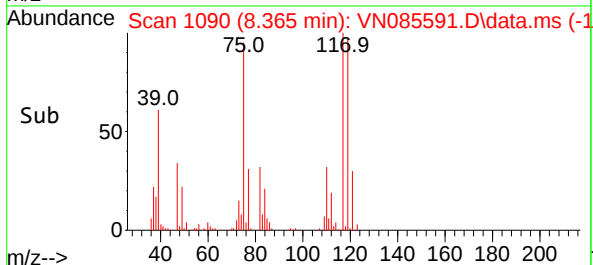
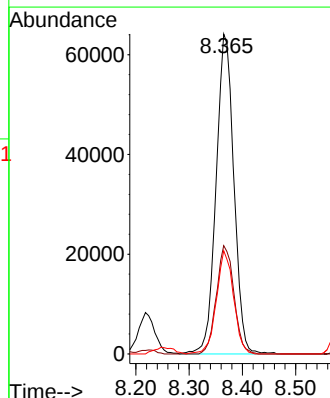
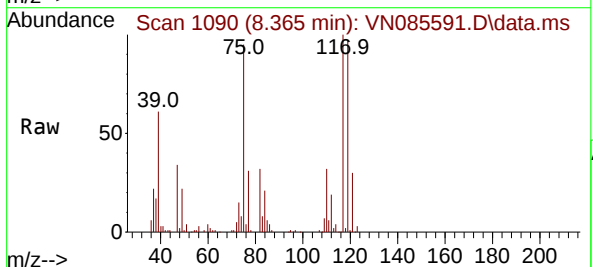
Tgt Ion: 75 Resp: 148837

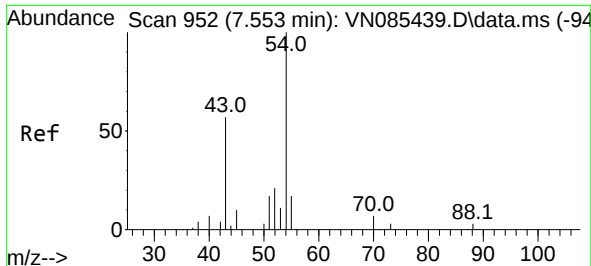
Ion Ratio Lower Upper

75 100

110 33.3 16.5 49.5

77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 49.505 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

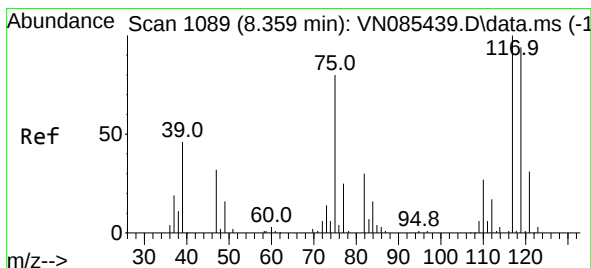
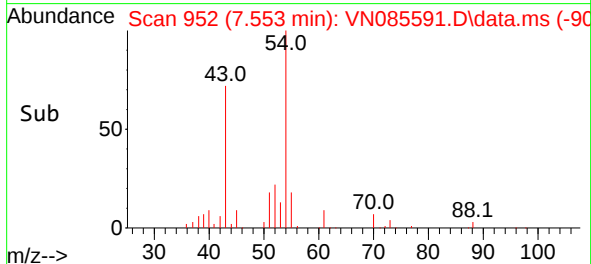
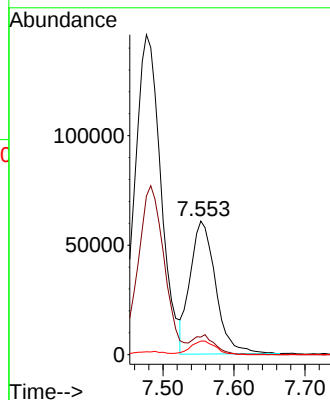
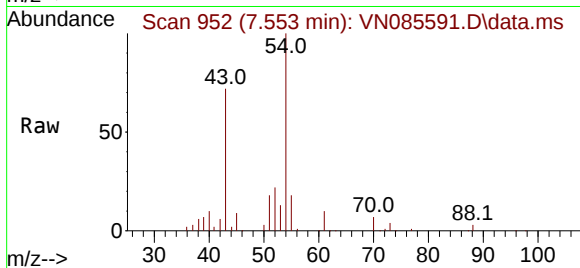
Tgt Ion: 43 Resp: 151771

Ion Ratio Lower Upper

43 100

61 12.0 10.9 16.3

70 10.2 7.5 11.3



#38

Carbon Tetrachloride

Concen: 51.696 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

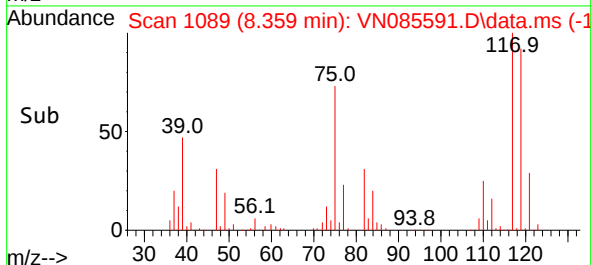
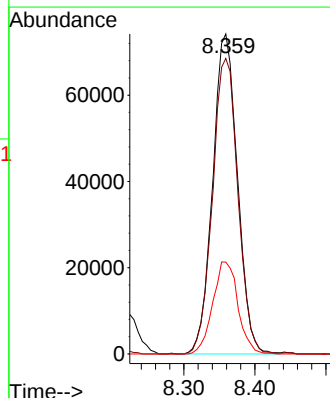
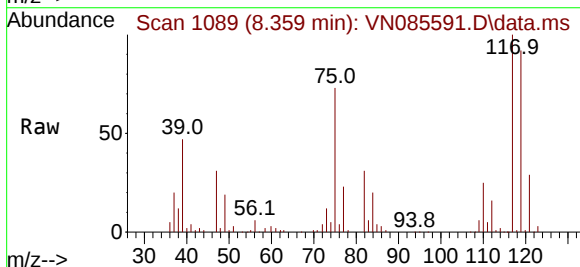
Tgt Ion: 117 Resp: 179763

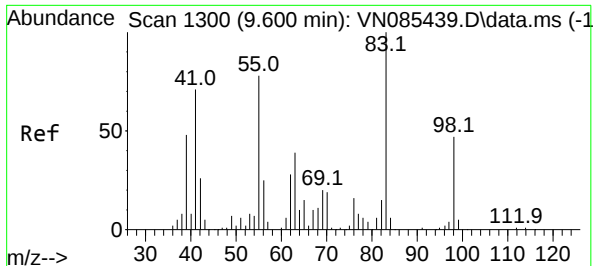
Ion Ratio Lower Upper

117 100

119 92.4 75.4 113.2

121 28.7 24.6 37.0





#39

Methylcyclohexane

Concen: 47.944 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

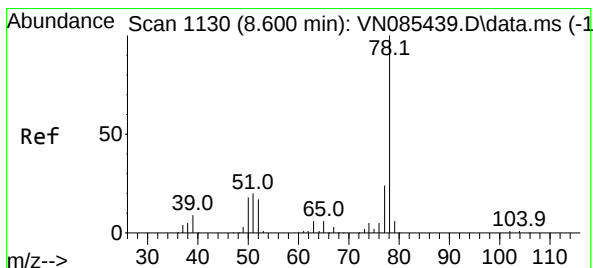
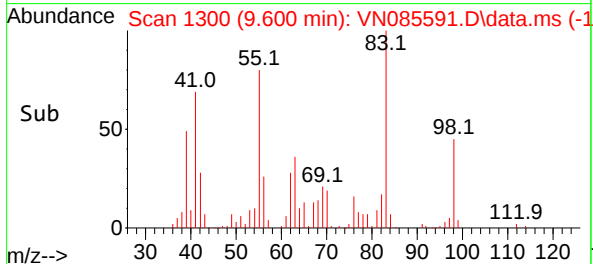
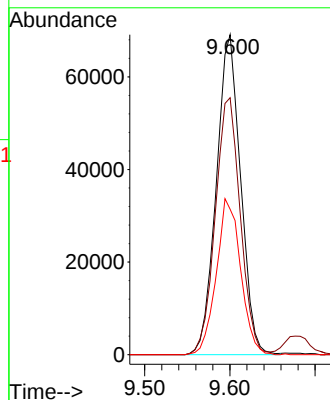
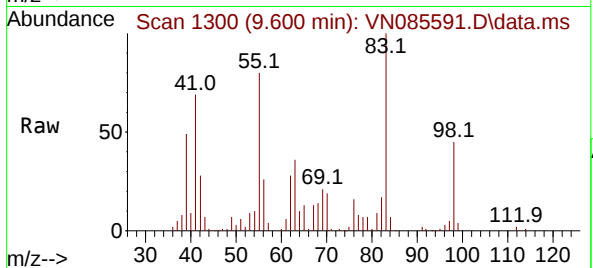
Tgt Ion: 83 Resp: 136843

Ion Ratio Lower Upper

83 100

55 80.3 62.6 94.0

98 45.5 37.7 56.5



#40

Benzene

Concen: 50.976 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085591.D

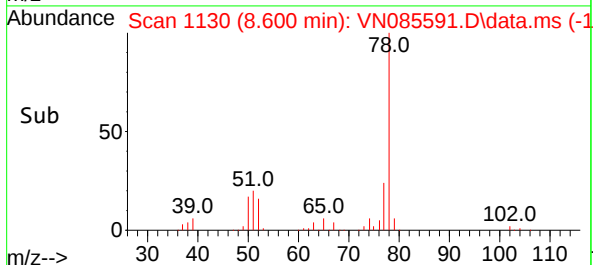
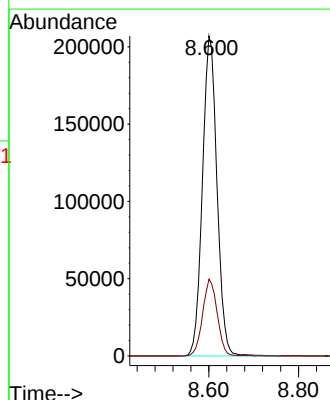
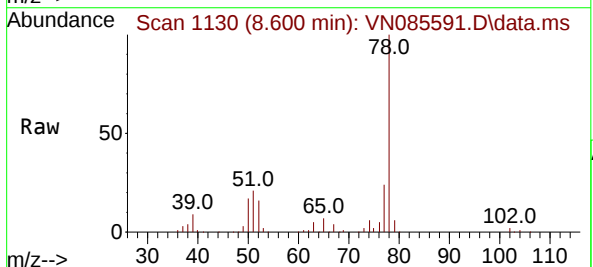
Acq: 31 Jan 2025 10:04

Tgt Ion: 78 Resp: 465224

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6



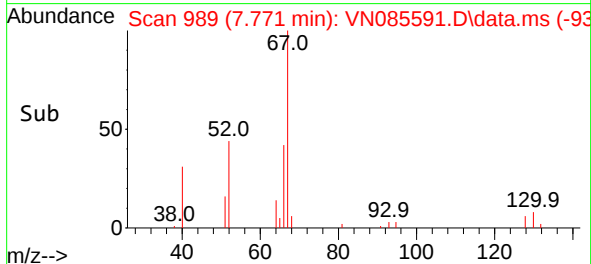
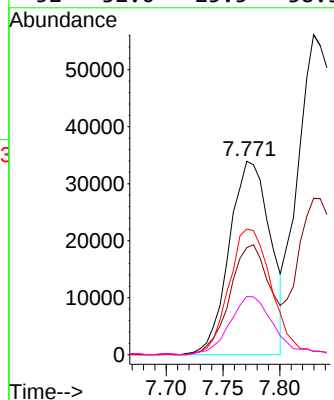
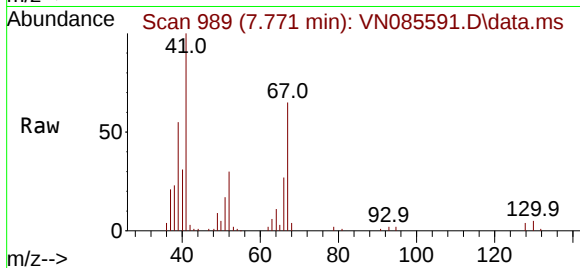


#41  
Methacrylonitrile  
Concen: 53.528 ug/l  
RT: 7.771 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 85378

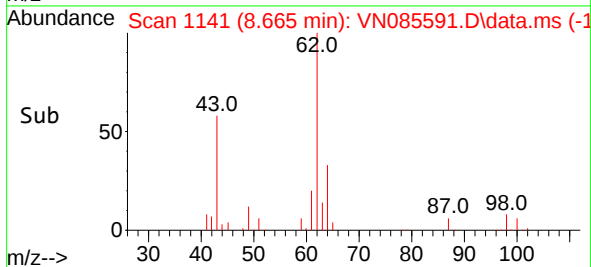
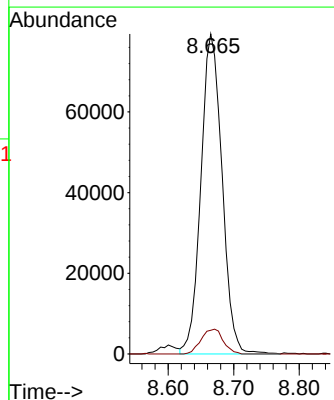
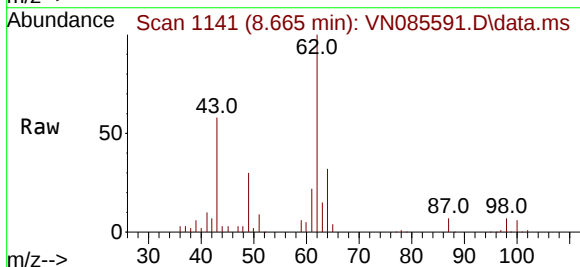
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.2  | 46.0  | 69.0  |
| 67  | 67.9  | 57.4  | 86.2  |
| 52  | 32.0  | 25.5  | 38.3  |



#42  
1,2-Dichloroethane  
Concen: 51.851 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 62 Resp: 178224

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.1   | 0.0   | 17.0  |

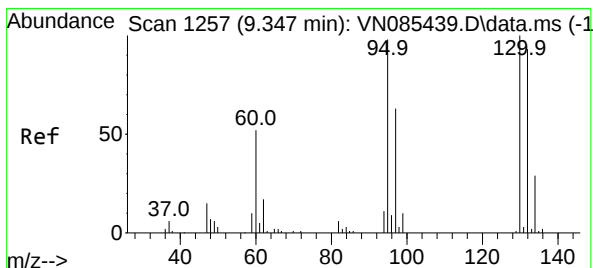
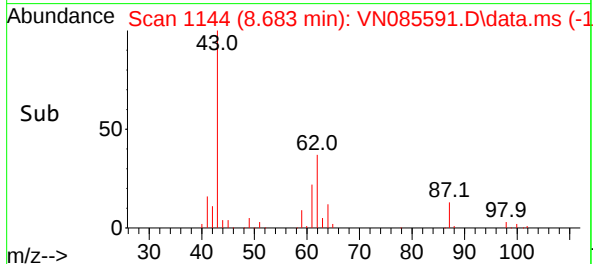
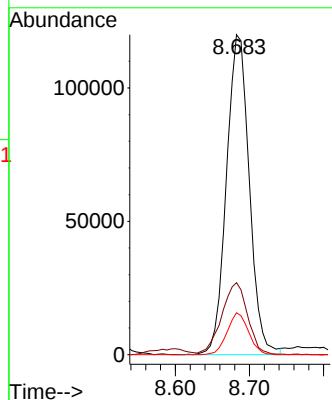
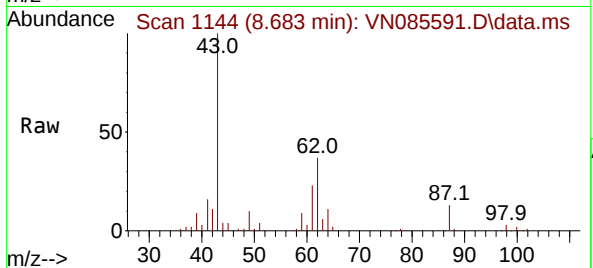




#43  
Isopropyl Acetate  
Concen: 52.309 ug/l  
RT: 8.683 min Scan# 1144  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

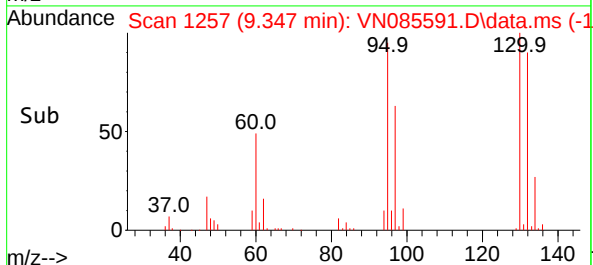
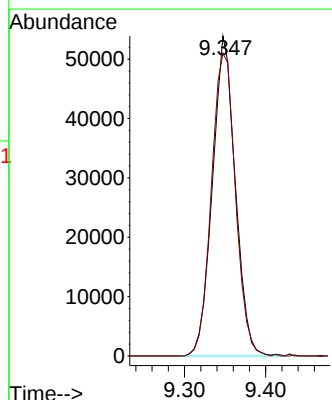
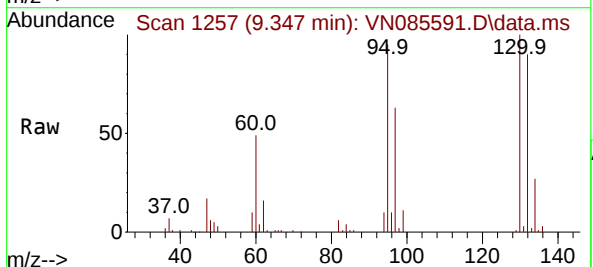
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

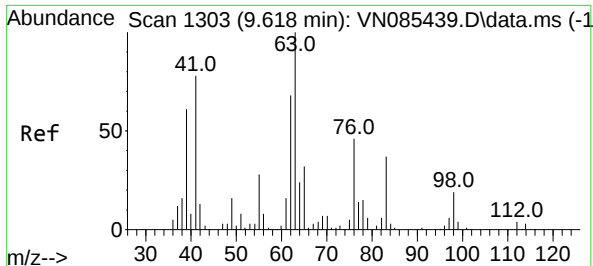
Tgt Ion: 43 Resp: 256966  
Ion Ratio Lower Upper  
43 100  
61 25.5 20.7 31.1  
87 12.2 9.8 14.8



#44  
Trichloroethene  
Concen: 49.486 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion:130 Resp: 105127  
Ion Ratio Lower Upper  
130 100  
95 94.6 0.0 195.8





#45

1,2-Dichloropropane

Concen: 51.880 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

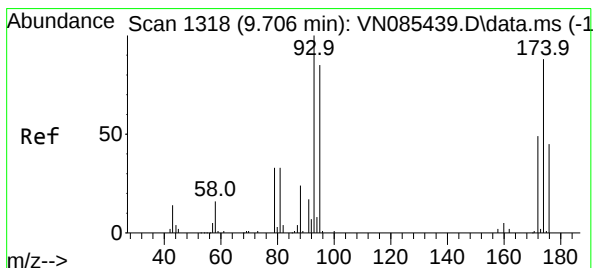
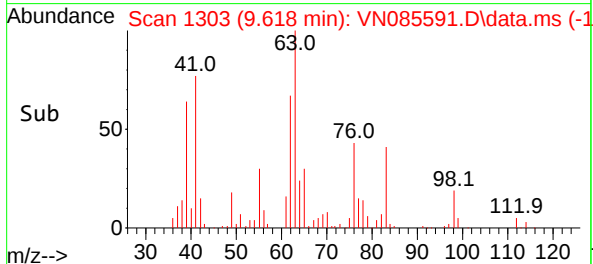
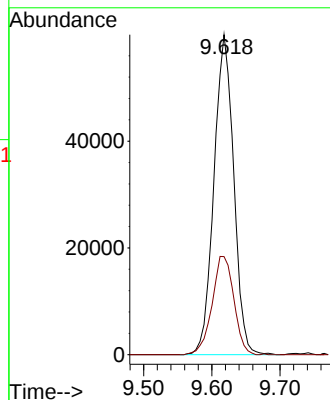
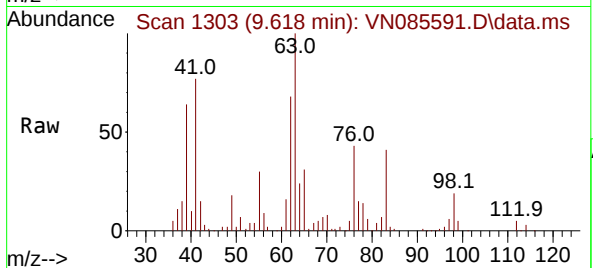
VSTDCCC050

Tgt Ion: 63 Resp: 120938

Ion Ratio Lower Upper

63 100

65 30.6 25.6 38.4



#46

Dibromomethane

Concen: 50.884 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

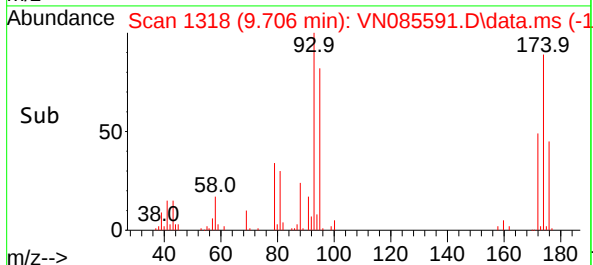
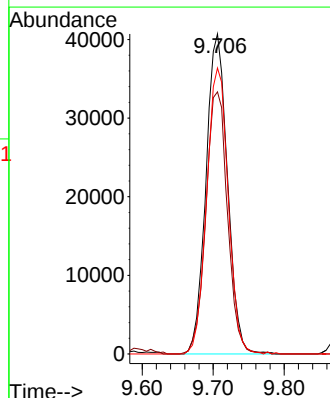
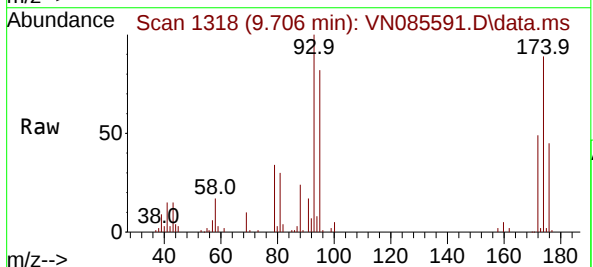
Tgt Ion: 93 Resp: 85588

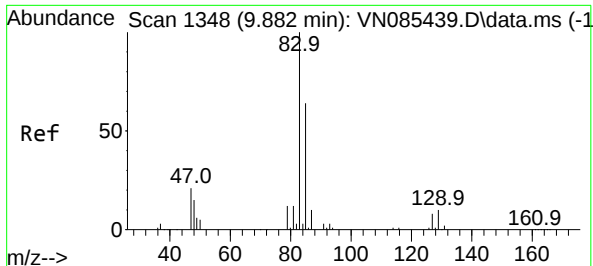
Ion Ratio Lower Upper

93 100

95 82.6 64.7 97.1

174 89.5 69.0 103.4

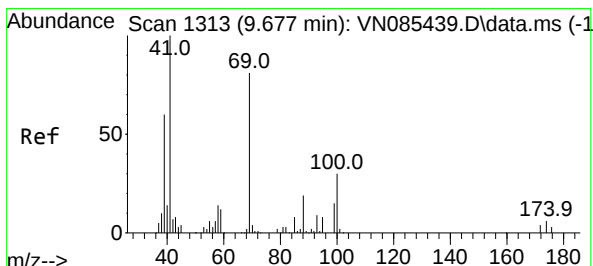
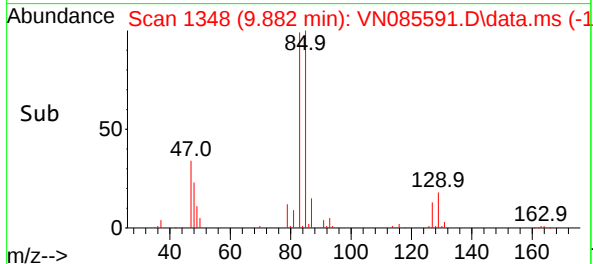
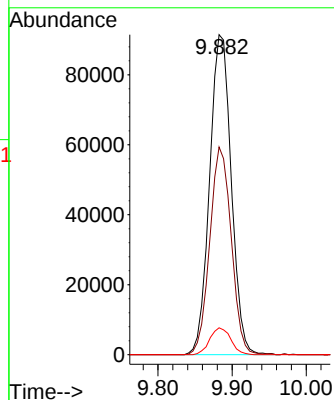
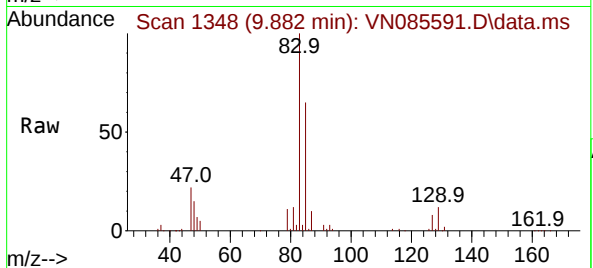




#47  
Bromodichloromethane  
Concen: 54.191 ug/l  
RT: 9.882 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

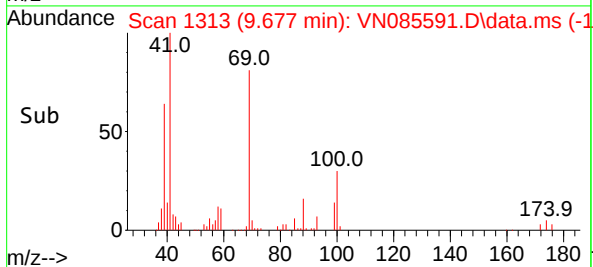
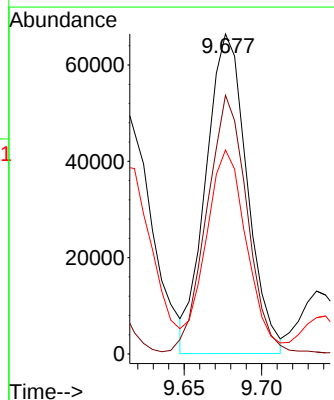
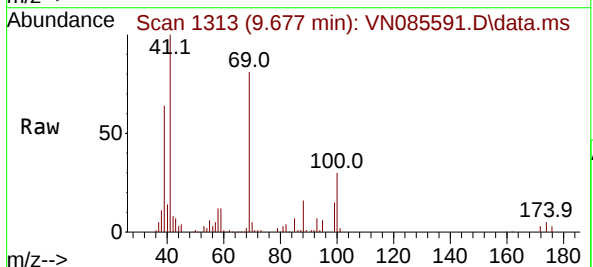
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

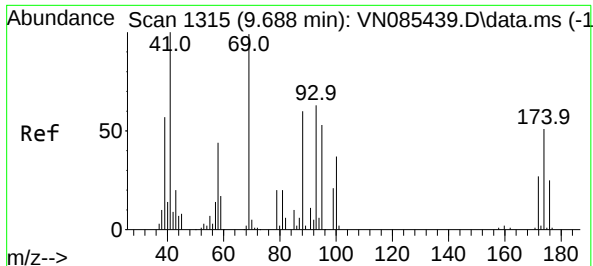
Tgt Ion: 83 Resp: 185704  
Ion Ratio Lower Upper  
83 100  
85 64.9 51.2 76.8  
127 8.4 6.5 9.7



#48  
Methyl methacrylate  
Concen: 55.425 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 41 Resp: 122530  
Ion Ratio Lower Upper  
41 100  
69 80.3 64.7 97.1  
39 63.2 49.0 73.6





#49

1,4-Dioxane

Concen: 1082.516 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

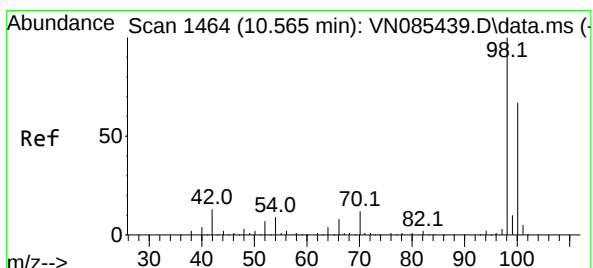
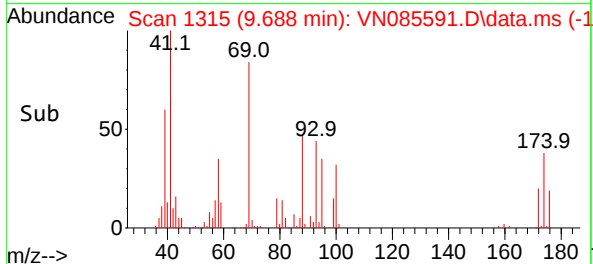
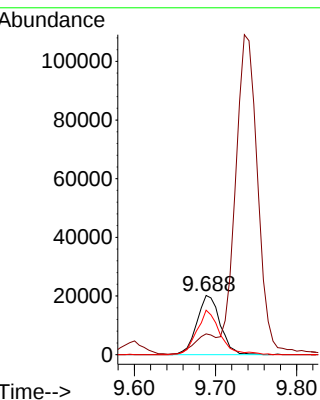
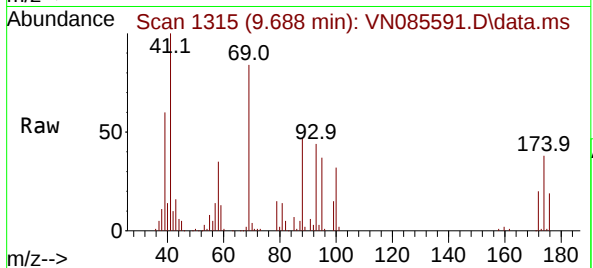
Tgt Ion: 88 Resp: 40300

Ion Ratio Lower Upper

88 100

43 31.2 26.6 39.8

58 74.6 59.5 89.3



#50

Toluene-d8

Concen: 54.021 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085591.D

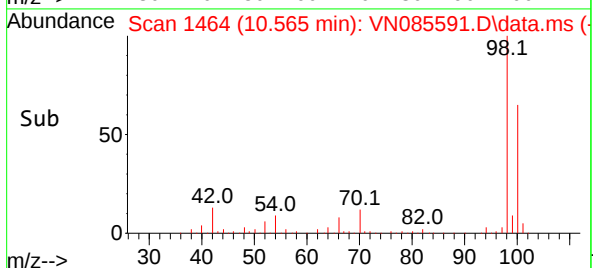
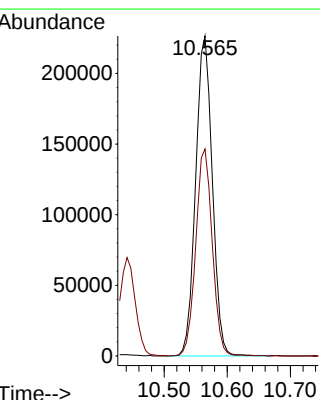
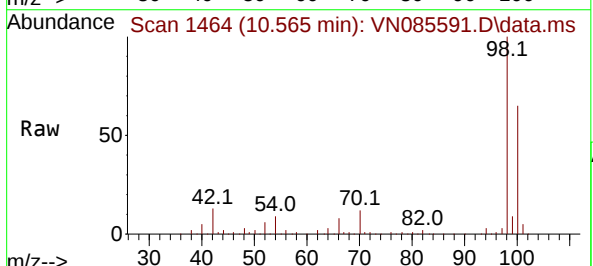
Acq: 31 Jan 2025 10:04

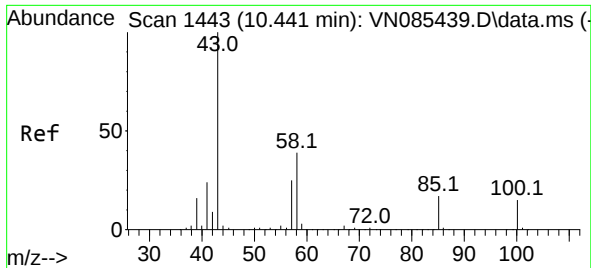
Tgt Ion: 98 Resp: 415377

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.4

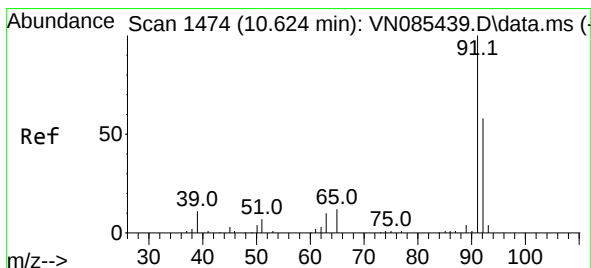
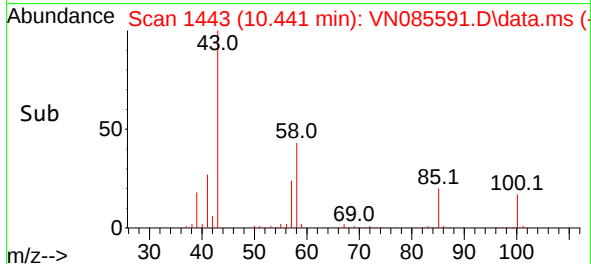
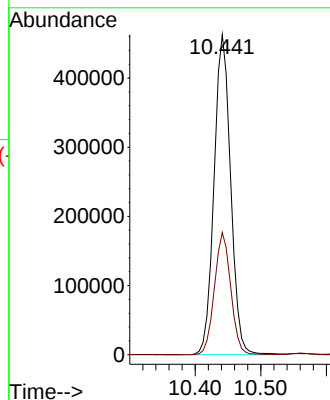
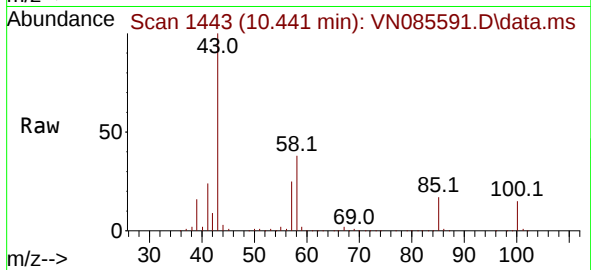




#51  
4-Methyl-2-Pentanone  
Concen: 285.284 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

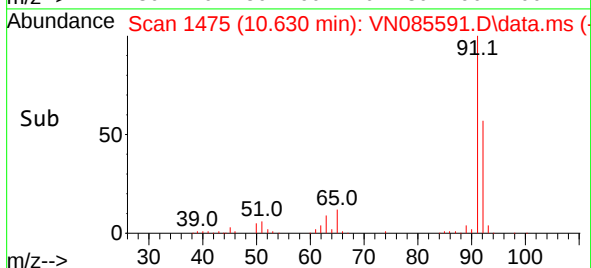
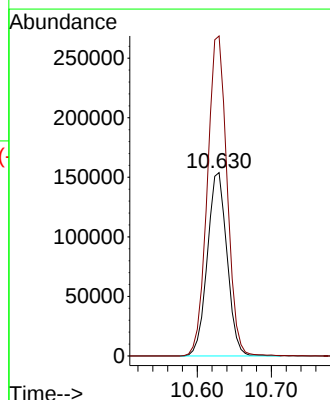
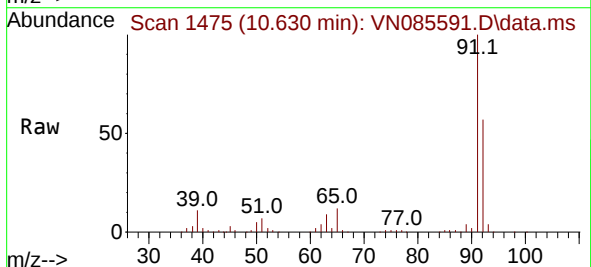
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

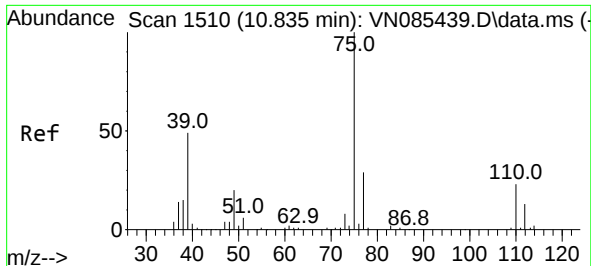
Tgt Ion: 43 Resp: 813239  
Ion Ratio Lower Upper  
43 100  
58 37.5 30.5 45.7



#52  
Toluene  
Concen: 53.686 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.005 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 92 Resp: 283889  
Ion Ratio Lower Upper  
92 100  
91 175.0 139.2 208.8

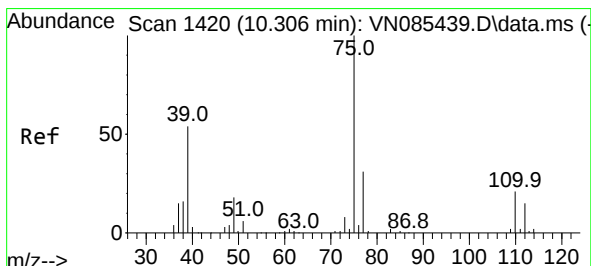
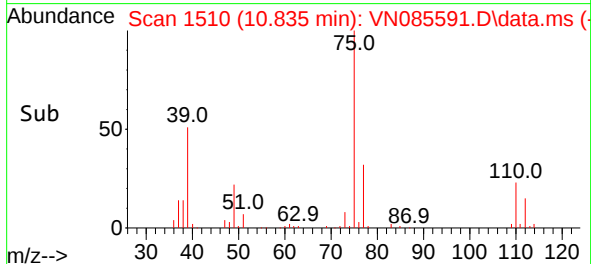
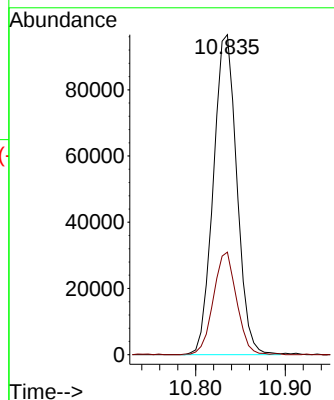
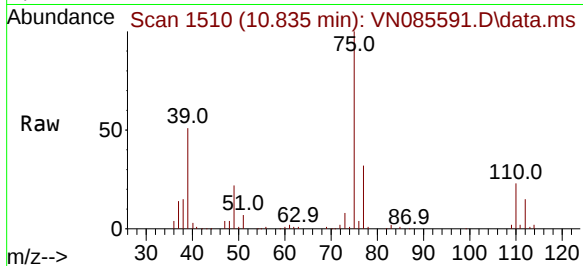




#53  
 t-1,3-Dichloropropene  
 Concen: 54.277 ug/l  
 RT: 10.835 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

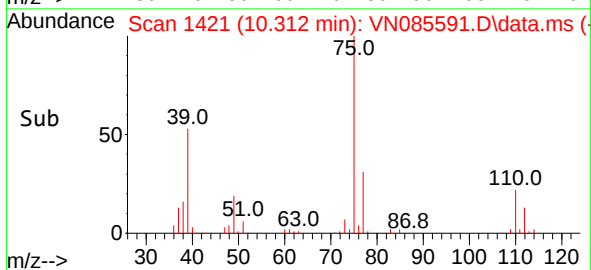
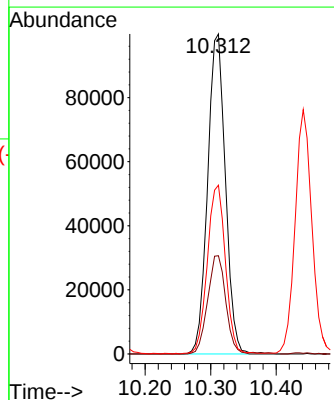
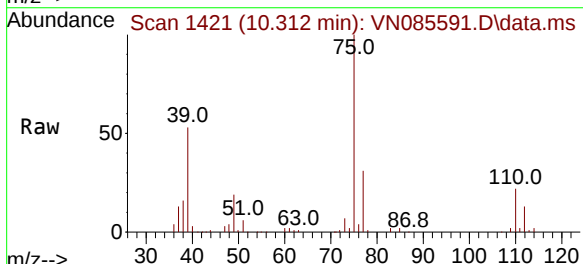
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

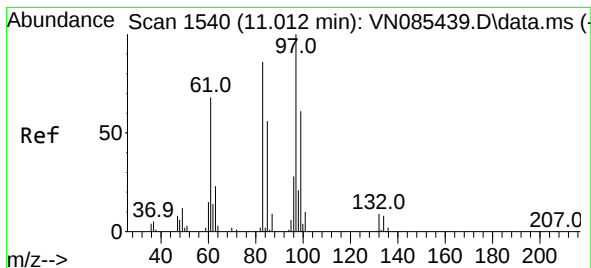
Tgt Ion: 75 Resp: 175773  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 23.5 35.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.468 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.006 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

Tgt Ion: 75 Resp: 188416  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.0 37.4  
 39 52.8 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 54.314 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 113662

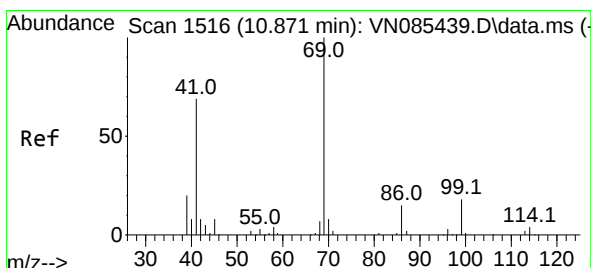
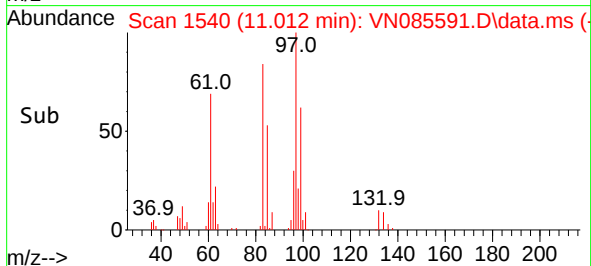
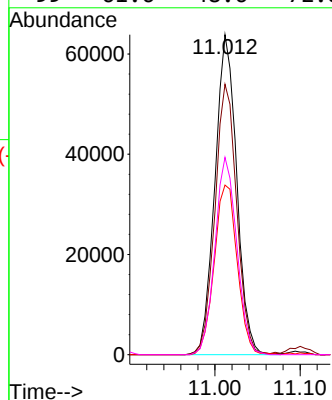
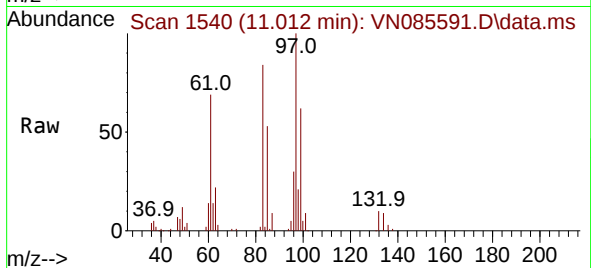
Ion Ratio Lower Upper

97 100

83 84.5 69.0 103.6

85 53.0 44.6 66.8

99 61.6 48.6 72.8



#56

Ethyl methacrylate

Concen: 47.979 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

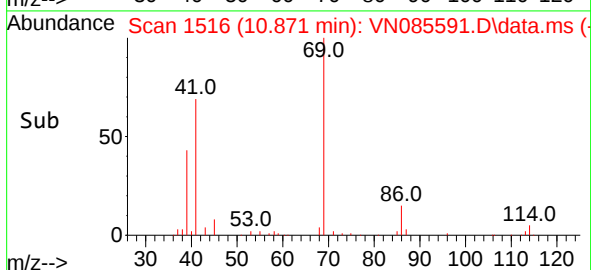
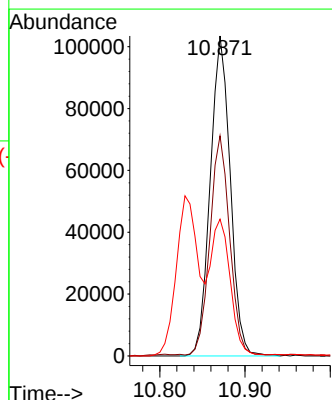
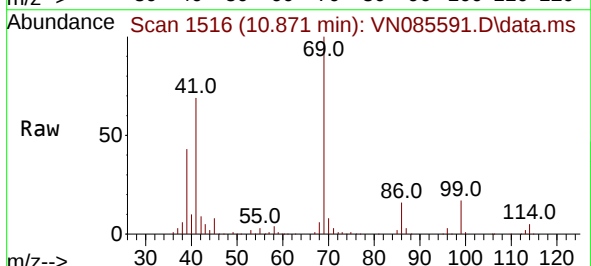
Tgt Ion: 69 Resp: 168851

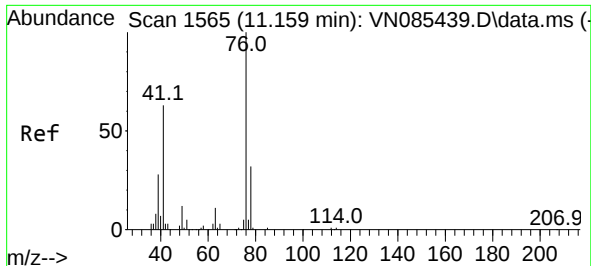
Ion Ratio Lower Upper

69 100

41 67.5 54.6 82.0

39 40.9 32.4 48.6





#57

1,3-Dichloropropane

Concen: 53.898 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

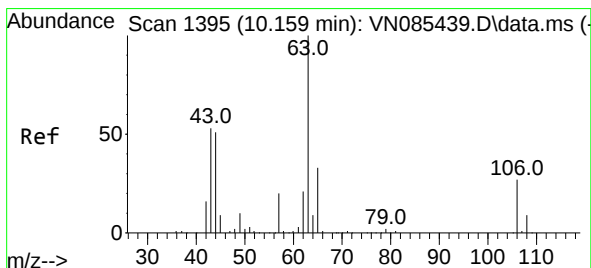
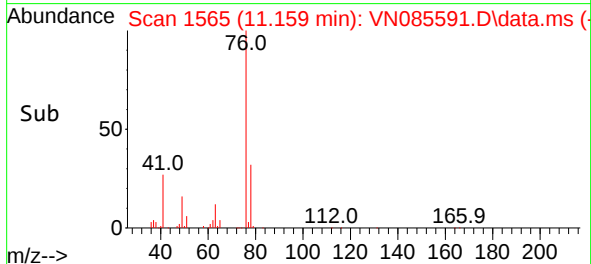
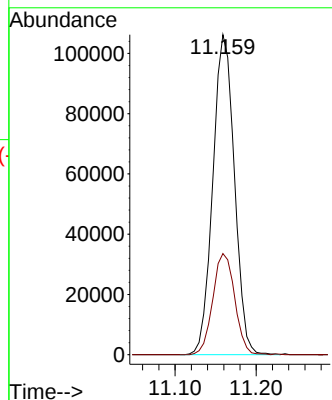
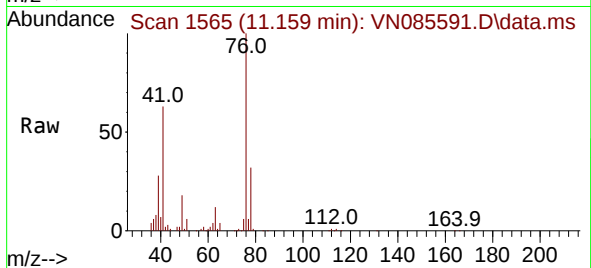
VSTDCCC050

Tgt Ion: 76 Resp: 196125

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 278.261 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085591.D

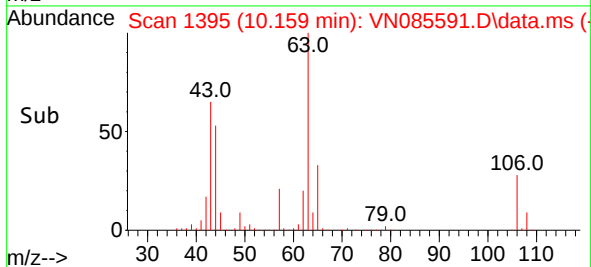
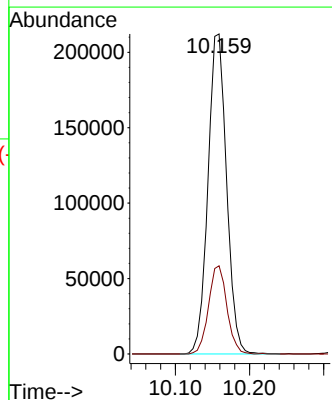
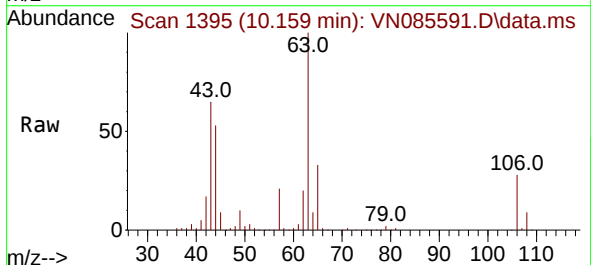
Acq: 31 Jan 2025 10:04

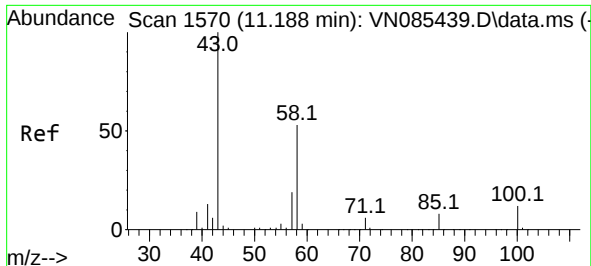
Tgt Ion: 63 Resp: 369534

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4

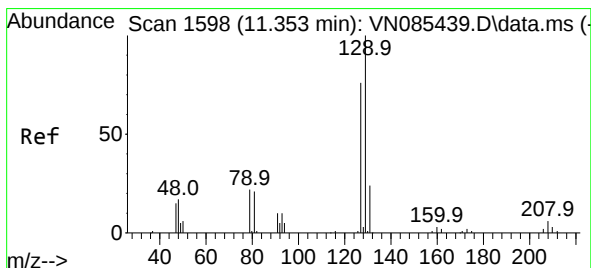
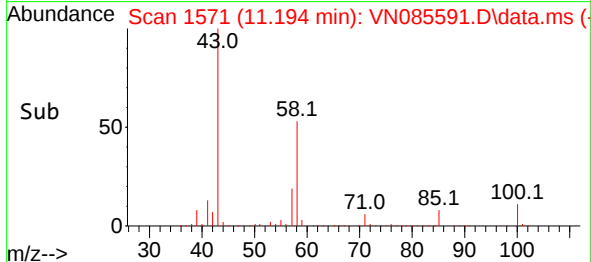
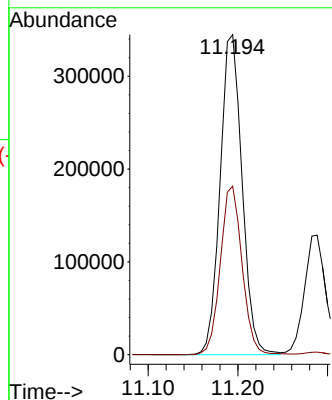
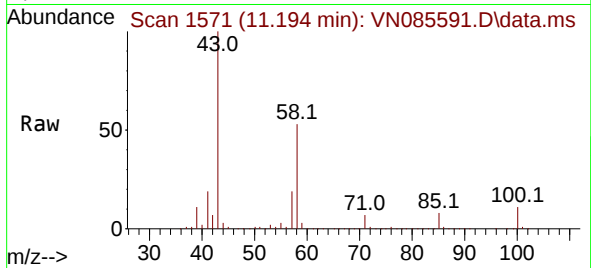




#59  
2-Hexanone  
Concen: 292.282 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

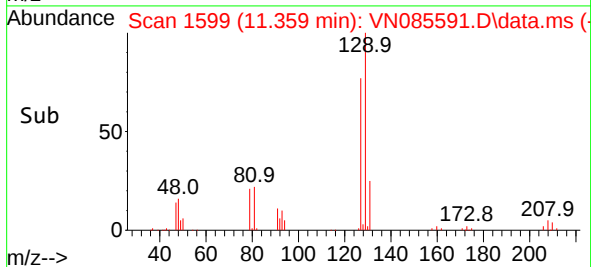
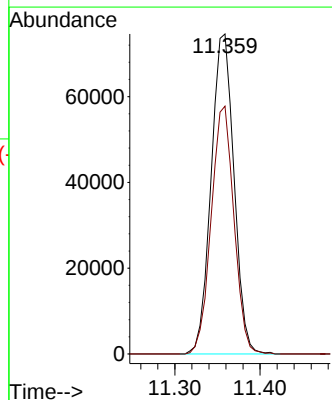
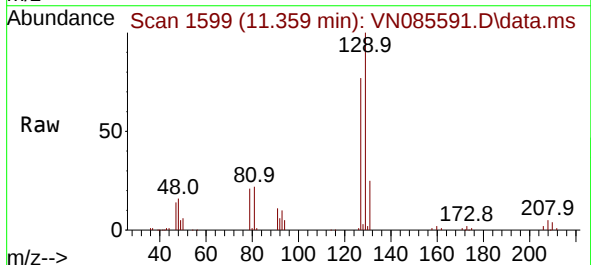
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

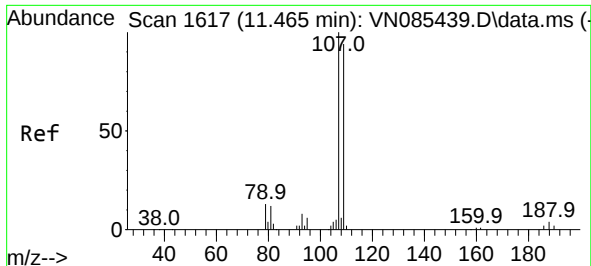
Tgt Ion: 43 Resp: 586256  
Ion Ratio Lower Upper  
43 100  
58 52.2 26.2 78.6



#60  
Dibromochloromethane  
Concen: 55.058 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.006 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 129 Resp: 139102  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.6 115.8

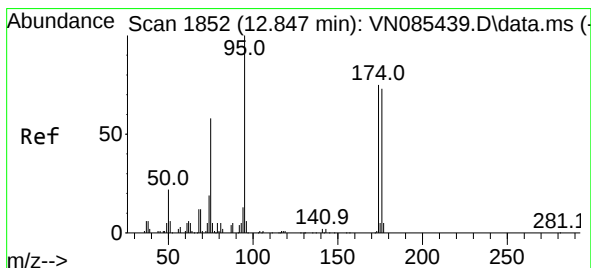
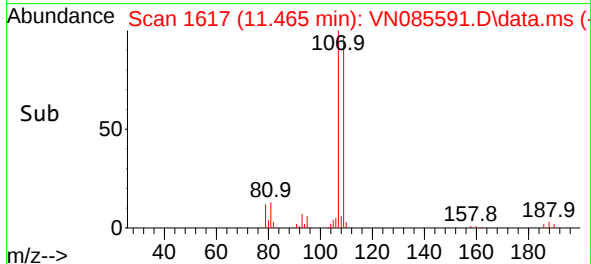
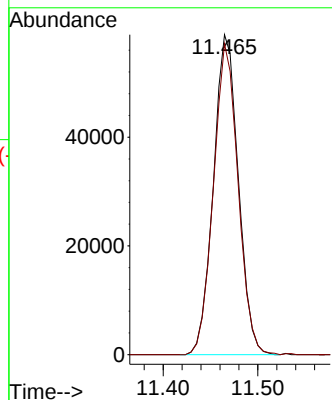
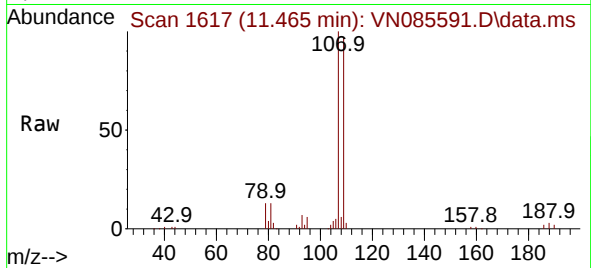




#61  
1,2-Dibromoethane  
Concen: 51.584 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

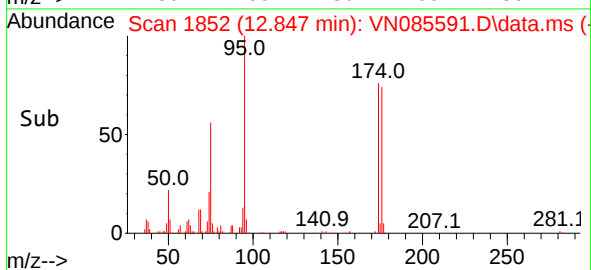
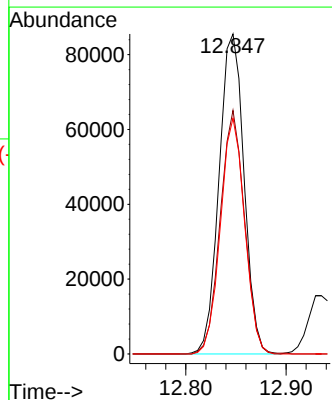
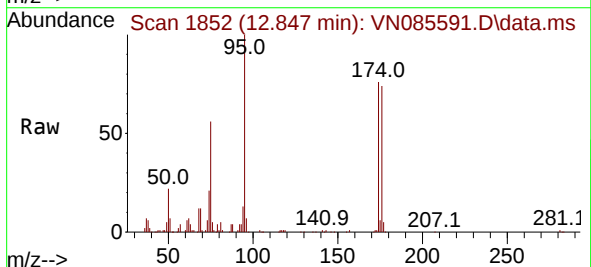
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

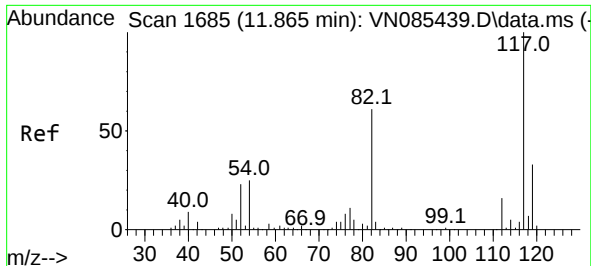
Tgt Ion:107 Resp: 107453  
Ion Ratio Lower Upper  
107 100  
109 96.1 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 56.078 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 95 Resp: 147501  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 145.0  
176 71.4 0.0 142.4

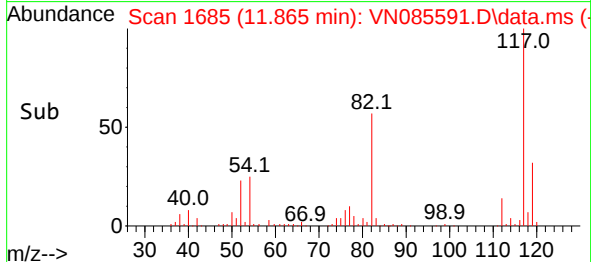
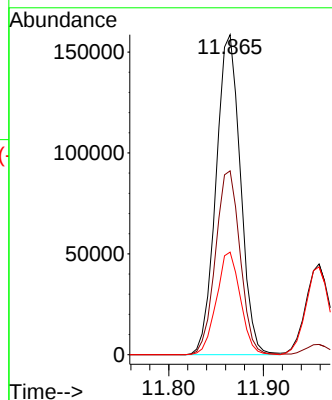
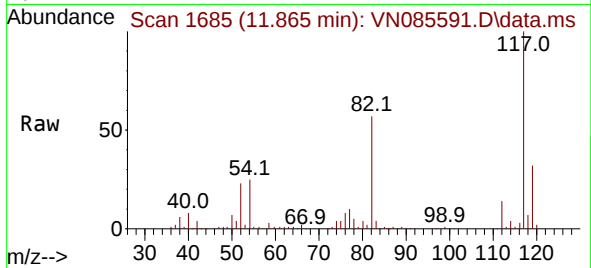




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

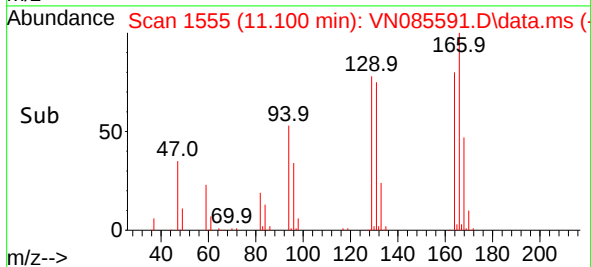
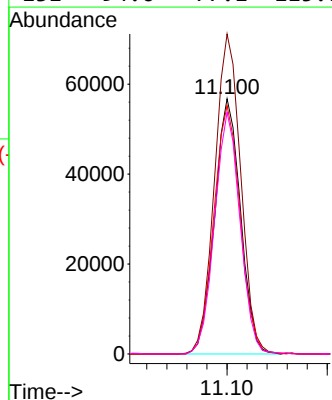
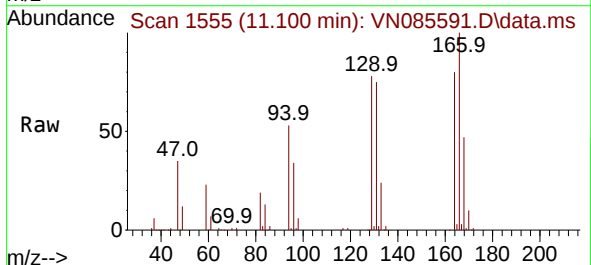
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

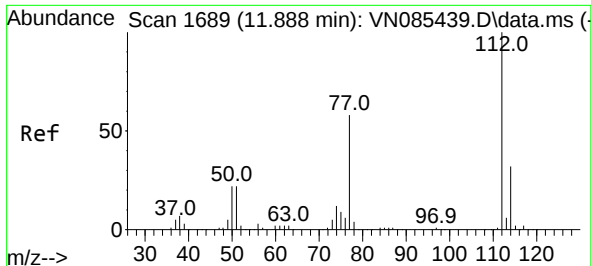
Tgt Ion:117 Resp: 284481  
Ion Ratio Lower Upper  
117 100  
82 57.5 48.6 72.8  
119 32.1 26.6 39.8



#64  
Tetrachloroethene  
Concen: 52.413 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion:164 Resp: 101650  
Ion Ratio Lower Upper  
164 100  
166 125.4 103.4 155.2  
129 97.3 79.2 118.8  
131 94.6 77.1 115.7

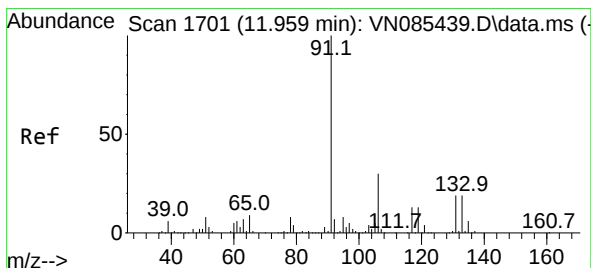
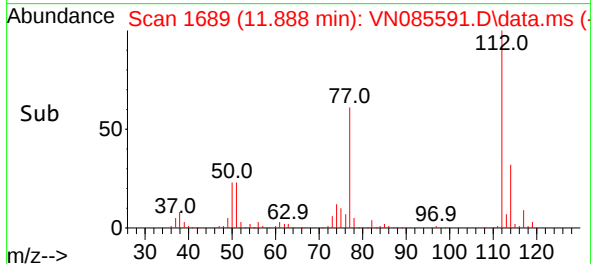
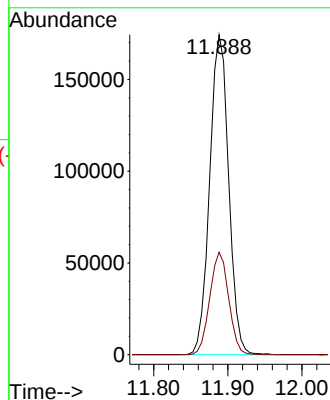
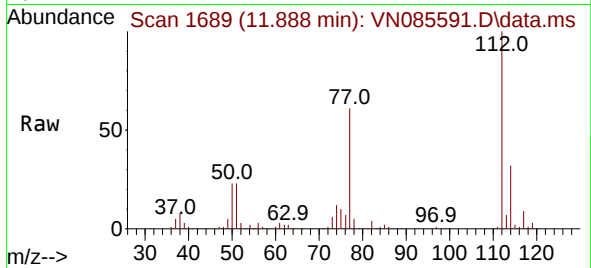




#65  
Chlorobenzene  
Concen: 49.786 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

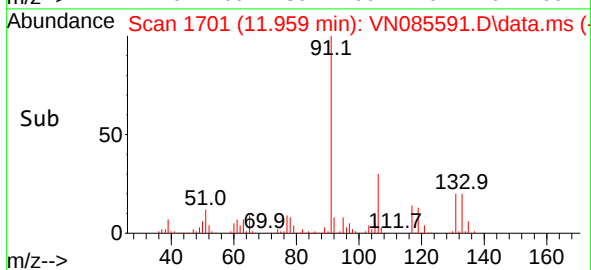
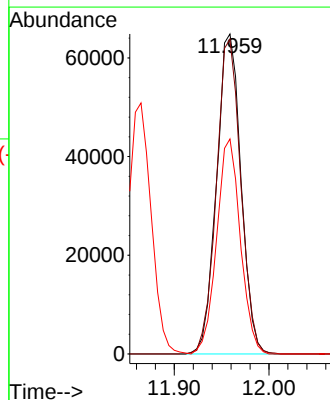
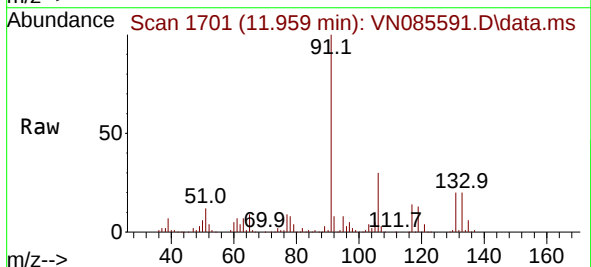
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

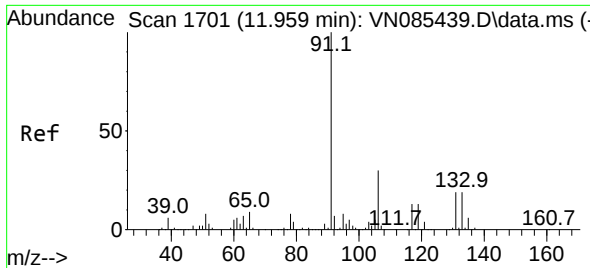
Tgt Ion:112 Resp: 310267  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.764 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion:131 Resp: 116111  
Ion Ratio Lower Upper  
131 100  
133 98.4 47.4 142.3  
119 65.3 33.1 99.5

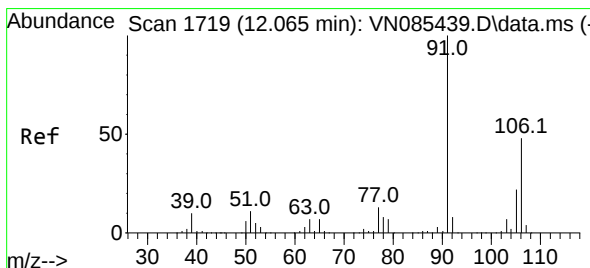
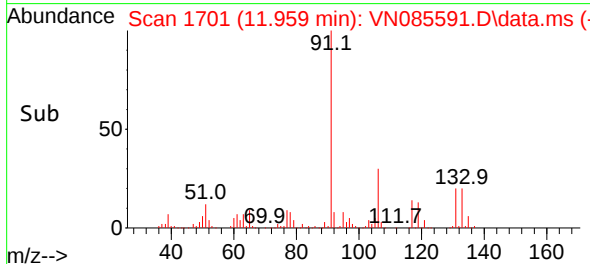
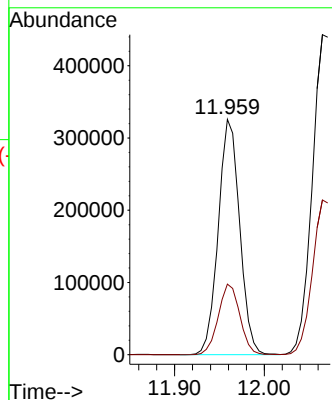
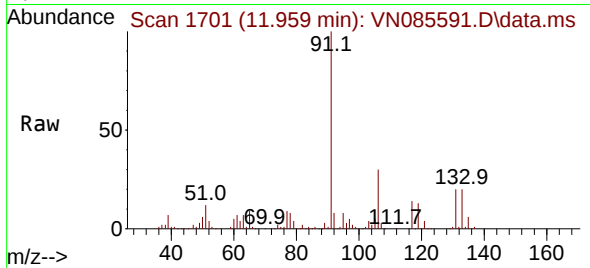




#67  
Ethyl Benzene  
Concen: 53.184 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

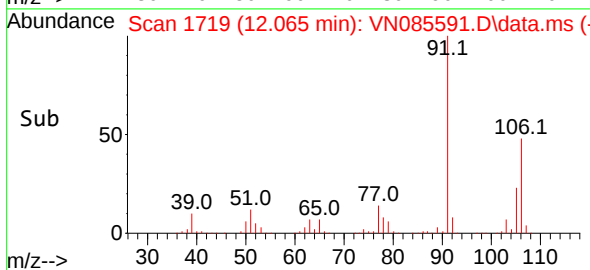
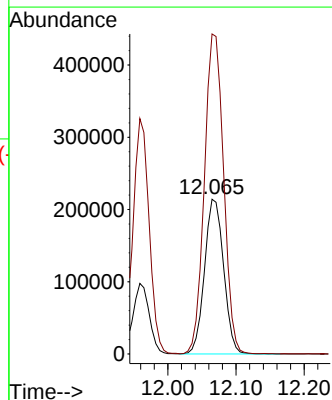
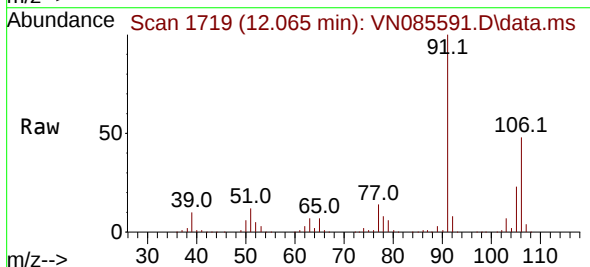
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

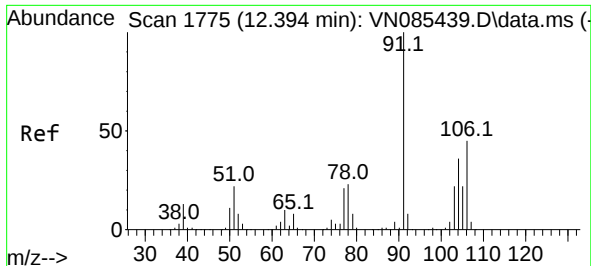
Tgt Ion: 91 Resp: 539837  
Ion Ratio Lower Upper  
91 100  
106 30.0 23.8 35.8



#68  
m/p-Xylenes  
Concen: 111.234 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion:106 Resp: 417283  
Ion Ratio Lower Upper  
106 100  
91 208.0 167.7 251.5

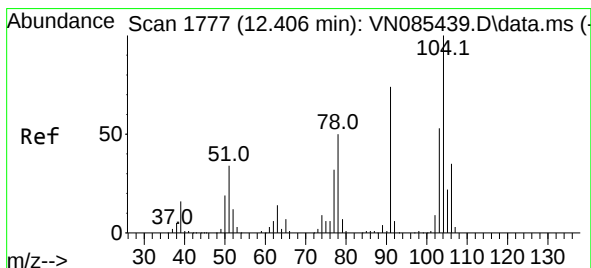
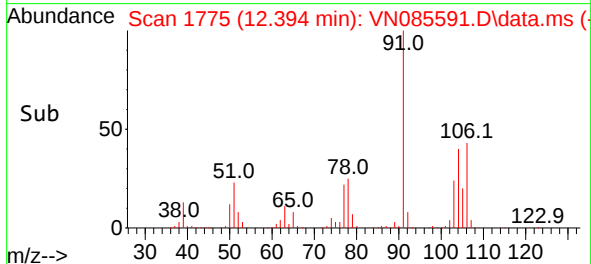
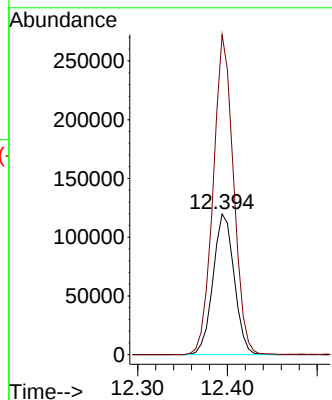
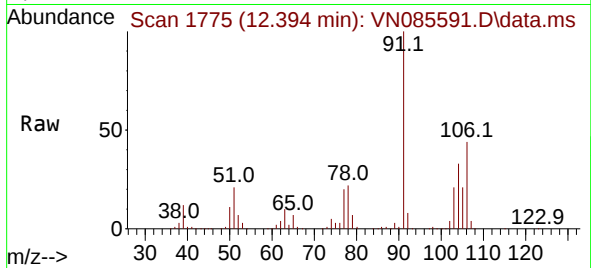




#69  
o-Xylene  
Concen: 54.671 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

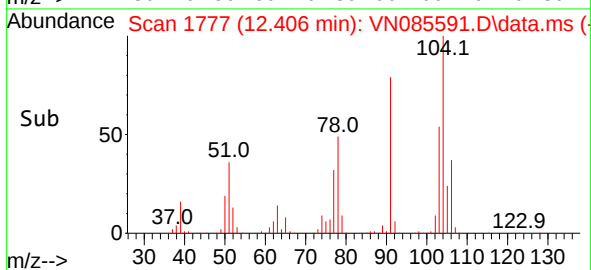
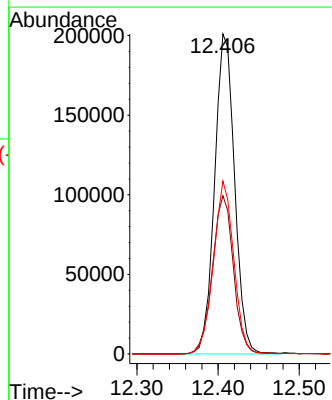
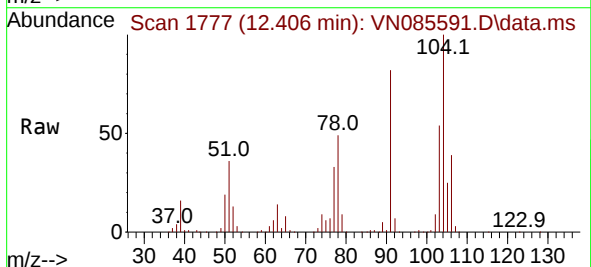
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

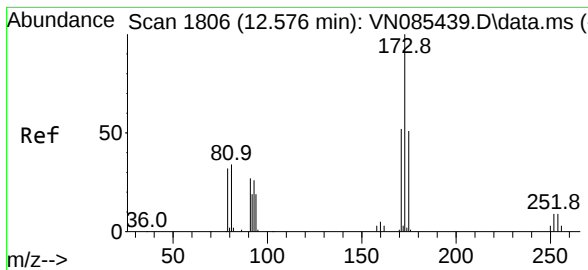
Tgt Ion:106 Resp: 196000  
Ion Ratio Lower Upper  
106 100  
91 219.3 110.4 331.2



#70  
Styrene  
Concen: 58.039 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion:104 Resp: 344358  
Ion Ratio Lower Upper  
104 100  
78 52.0 42.5 63.7  
103 55.0 43.8 65.8

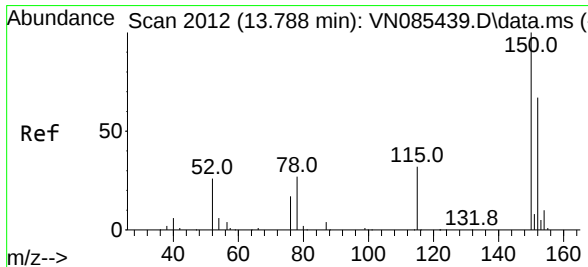
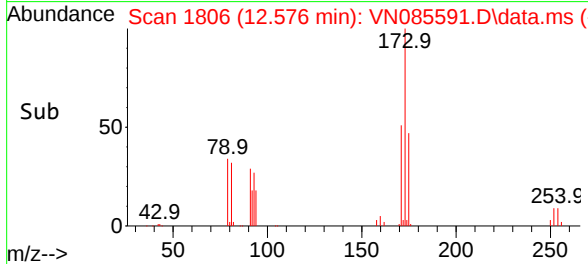
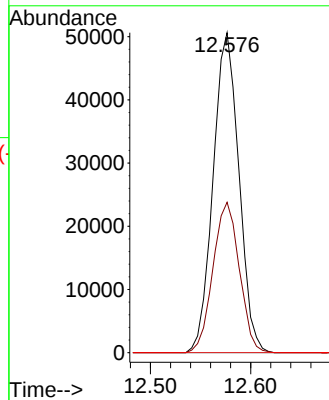
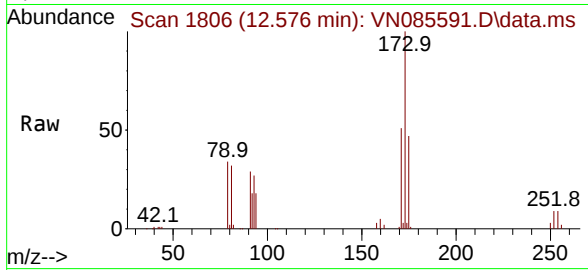




#71  
Bromoform  
Concen: 55.254 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

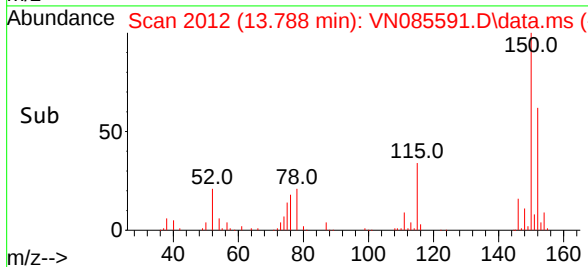
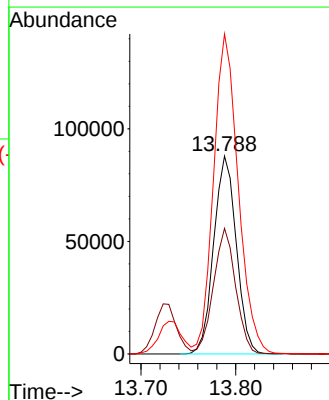
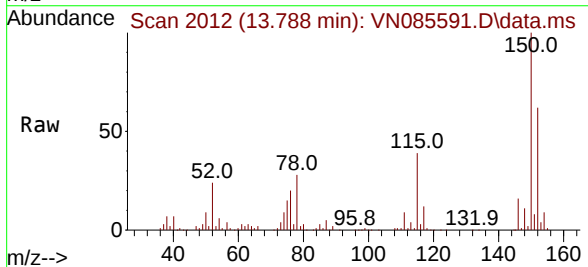
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

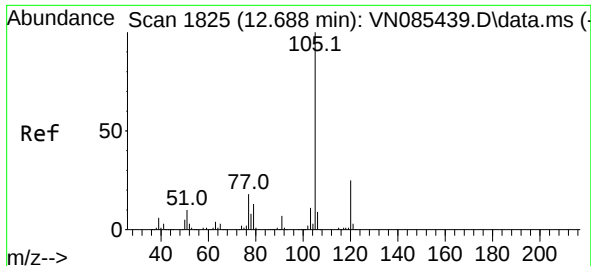
Tgt Ion:173 Resp: 90428  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.4 73.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion:152 Resp: 145646  
Ion Ratio Lower Upper  
152 100  
115 62.5 31.1 93.3  
150 176.8 0.0 343.6

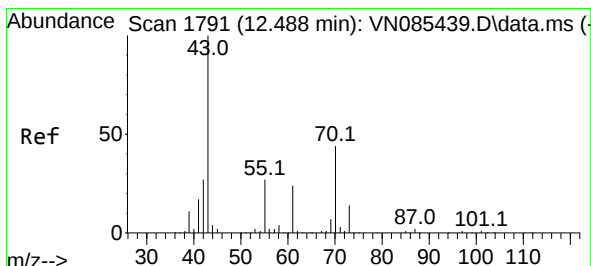
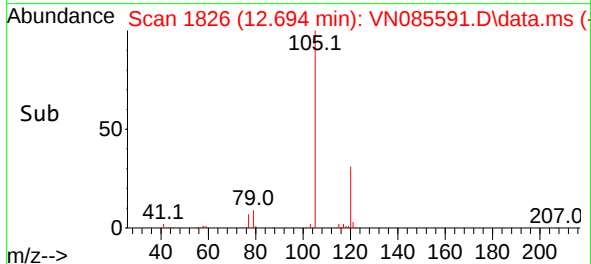
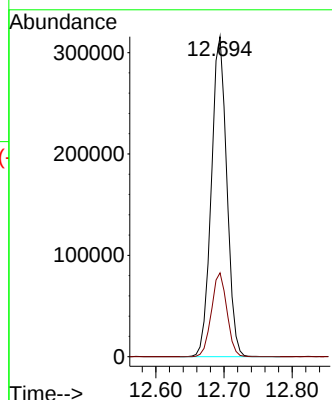
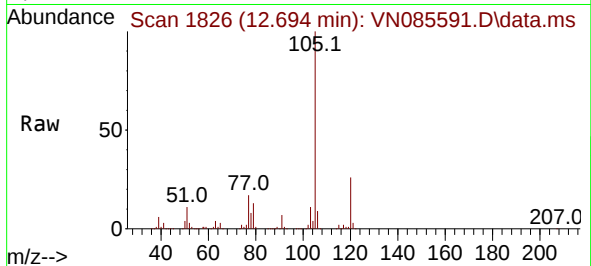




#73  
Isopropylbenzene  
Concen: 50.753 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

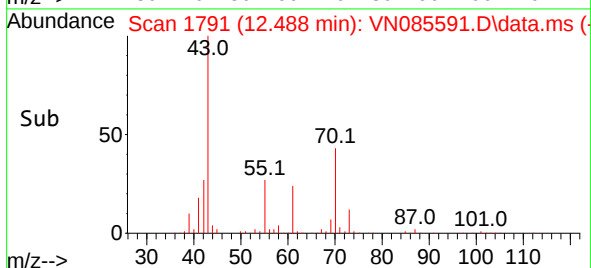
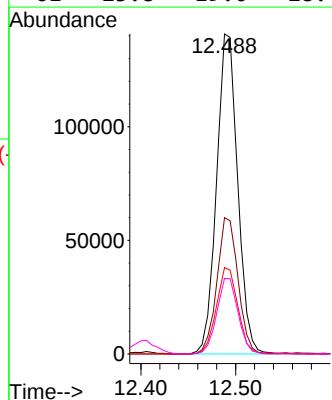
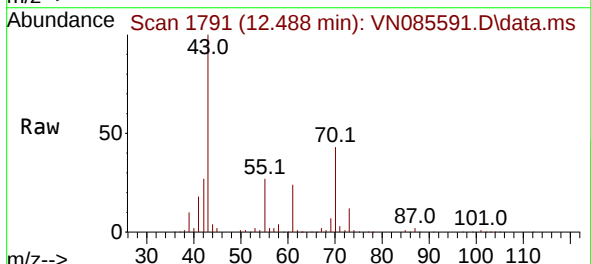
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ClientSampleId :  
VSTDCCC050

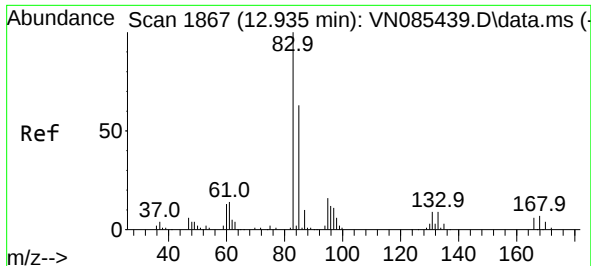
Tgt Ion:105 Resp: 498892  
Ion Ratio Lower Upper  
105 100  
120 26.1 12.8 38.3



#74  
N-ethyl acetate  
Concen: 49.394 ug/l  
RT: 12.488 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 43 Resp: 218240  
Ion Ratio Lower Upper  
43 100  
70 42.7 34.0 51.0  
55 27.7 21.4 32.2  
61 23.8 19.0 28.4

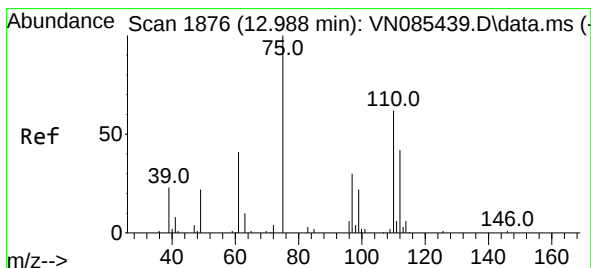
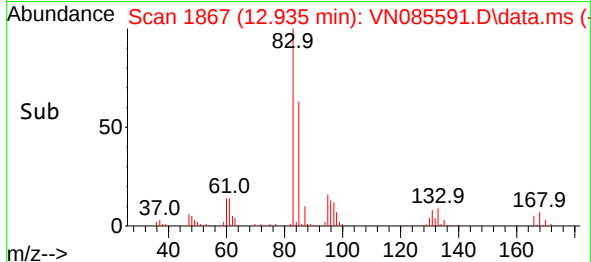
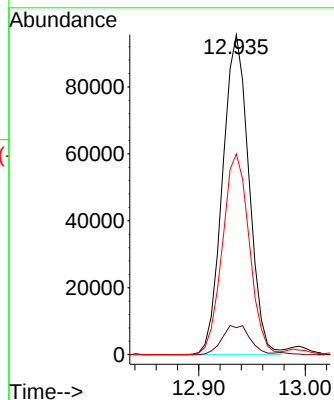
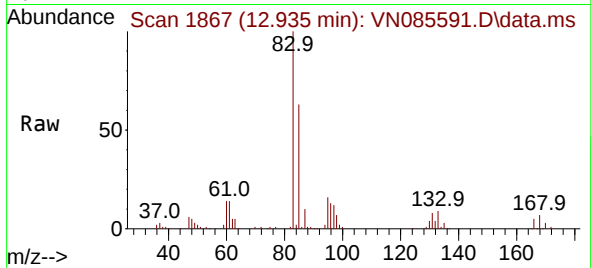




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 47.260 ug/l  
 RT: 12.935 min Scan# 1867  
 Delta R.T. 0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

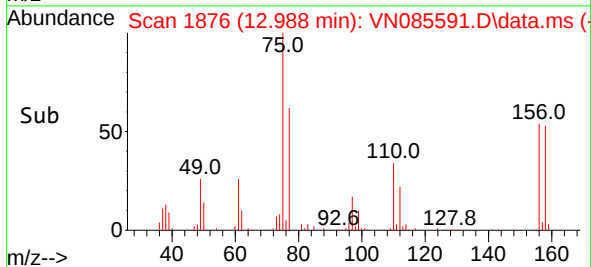
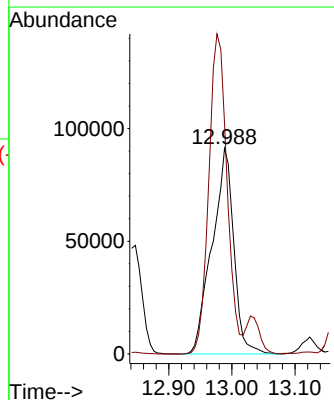
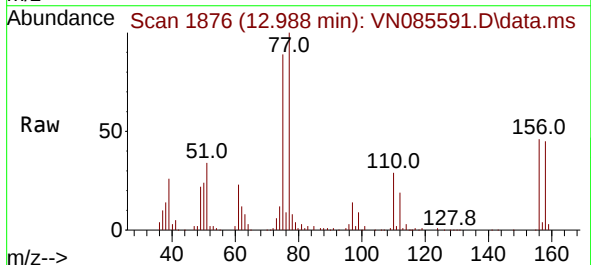
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

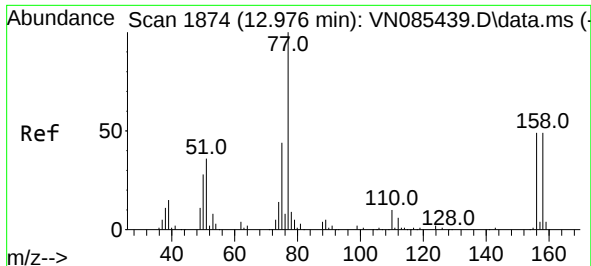
Tgt Ion: 83 Resp: 164103  
 Ion Ratio Lower Upper  
 83 100  
 131 10.1 4.8 14.4  
 85 64.2 32.2 96.6



#76  
 1,2,3-Trichloropropane  
 Concen: 73.718 ug/l  
 RT: 12.988 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

Tgt Ion: 75 Resp: 218226  
 Ion Ratio Lower Upper  
 75 100  
 77 131.2 109.7 329.2

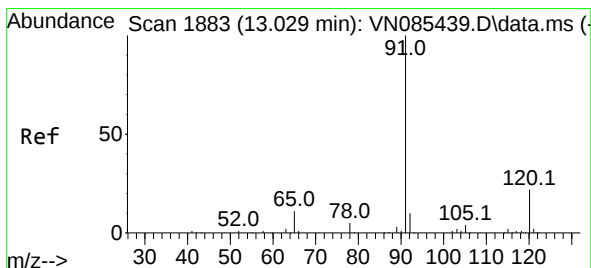
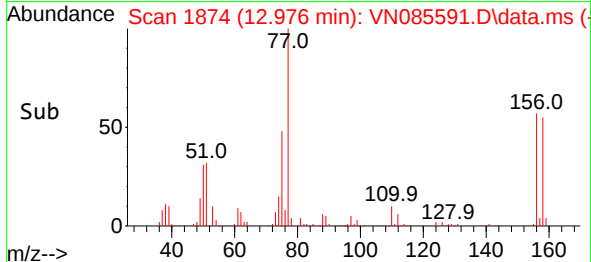
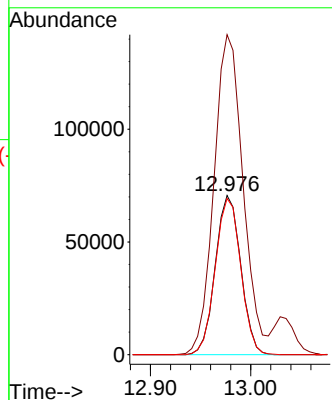
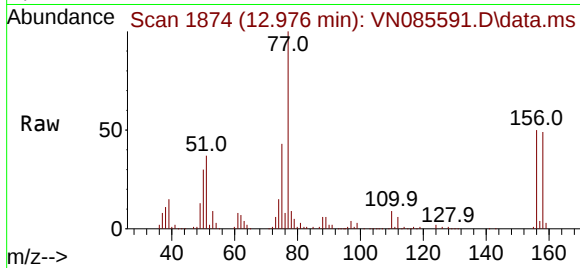




#77  
Bromobenzene  
Concen: 48.406 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

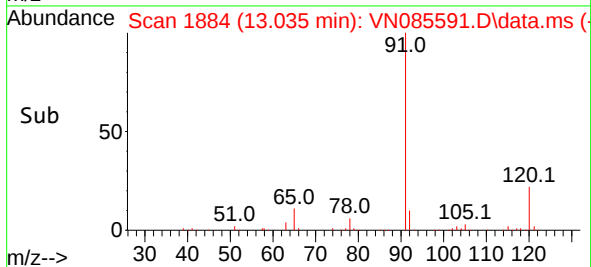
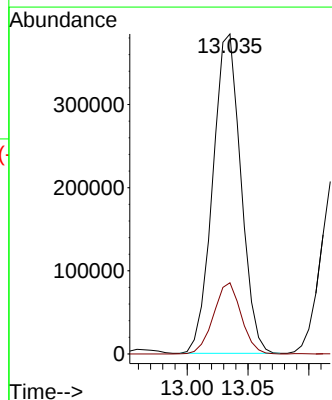
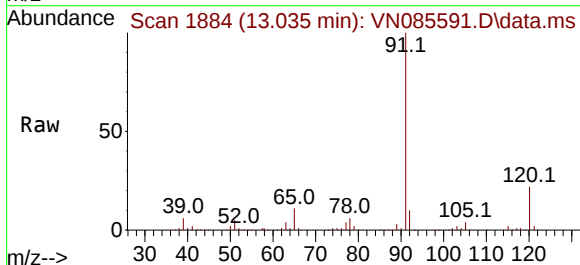
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

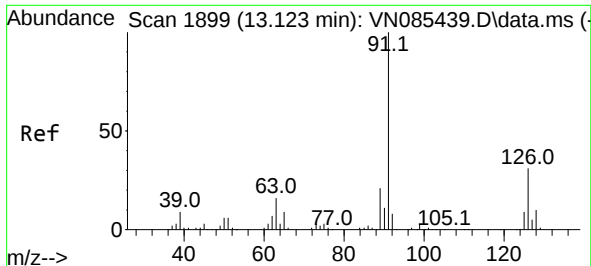
Tgt Ion:156 Resp: 124316  
Ion Ratio Lower Upper  
156 100  
77 230.3 114.1 342.4  
158 98.4 48.9 146.8



#78  
n-propylbenzene  
Concen: 53.092 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 91 Resp: 617823  
Ion Ratio Lower Upper  
91 100  
120 21.8 10.9 32.6

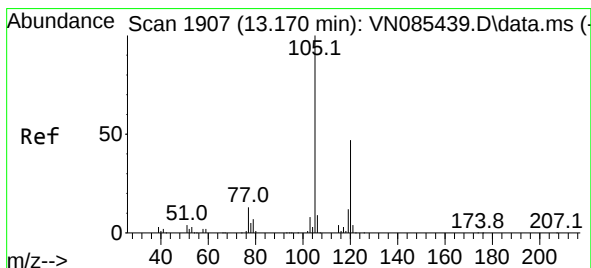
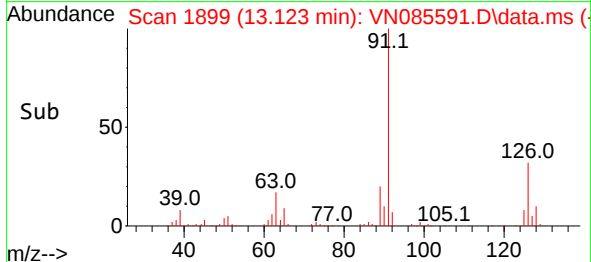
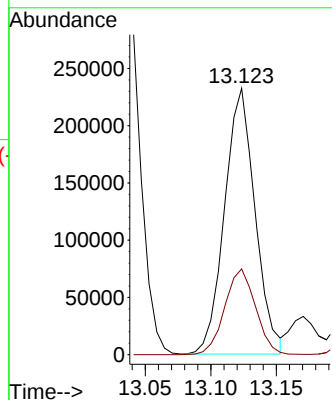
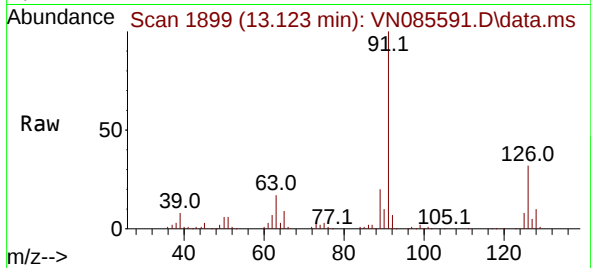




#79  
2-Chlorotoluene  
Concen: 50.010 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

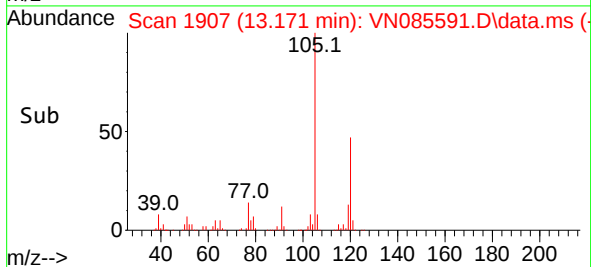
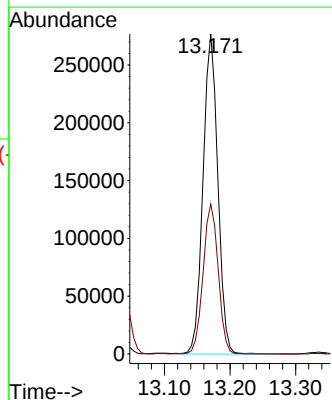
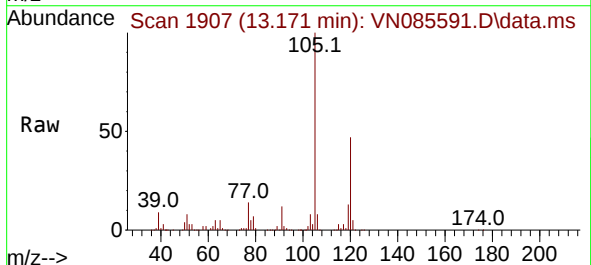
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

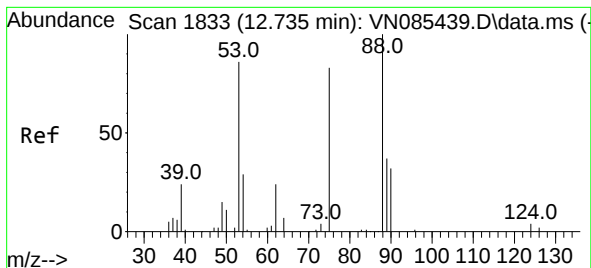
Tgt Ion: 91 Resp: 376644  
Ion Ratio Lower Upper  
91 100  
126 32.6 15.7 47.1



#80  
1,3,5-Trimethylbenzene  
Concen: 53.665 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion:105 Resp: 435734  
Ion Ratio Lower Upper  
105 100  
120 47.8 23.9 71.7

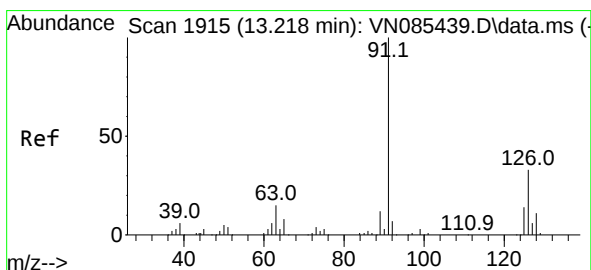
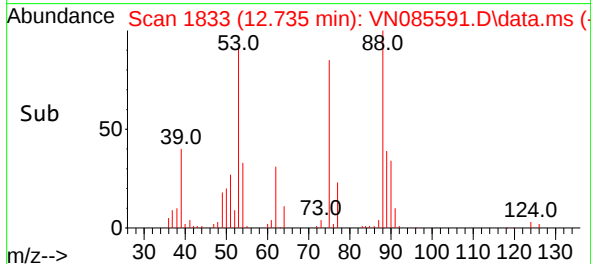
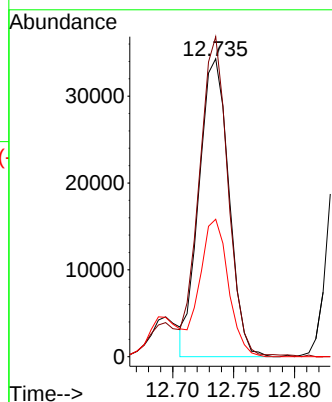
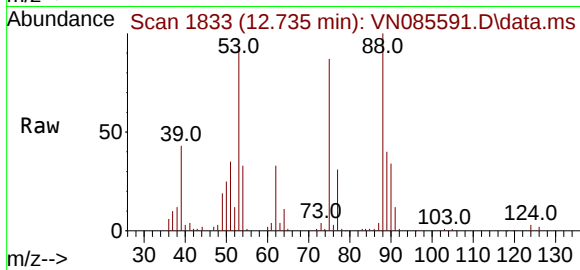




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.451 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

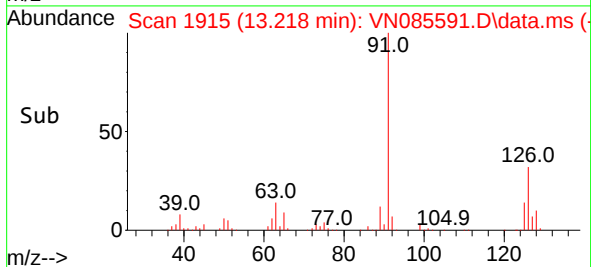
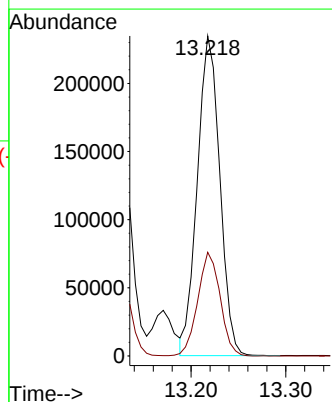
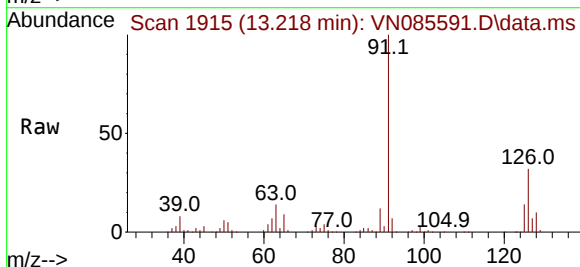
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

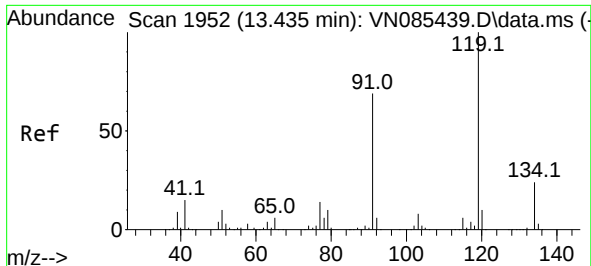
Tgt Ion: 75 Resp: 58483  
Ion Ratio Lower Upper  
75 100  
53 115.3 95.6 143.4  
89 43.3 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 51.696 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 91 Resp: 387664  
Ion Ratio Lower Upper  
91 100  
126 32.3 15.9 47.7

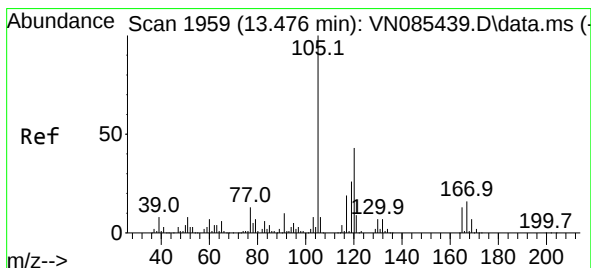
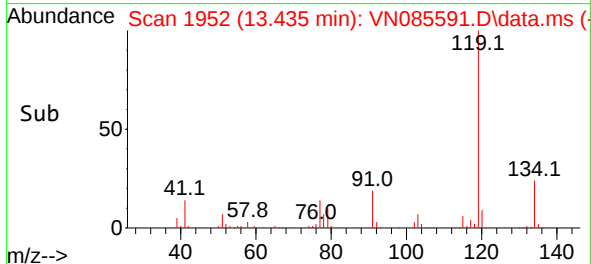
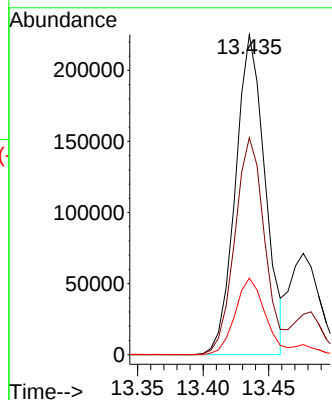
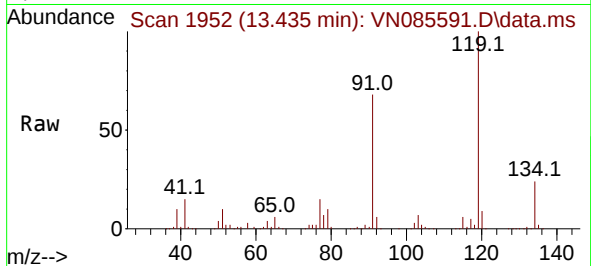




#83  
 tert-Butylbenzene  
 Concen: 51.897 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

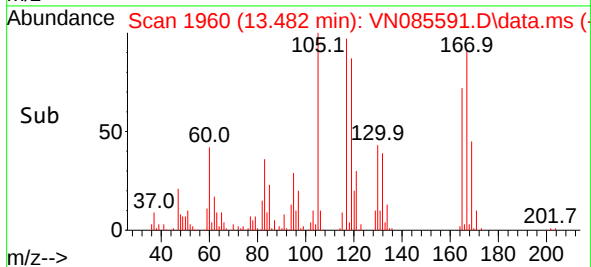
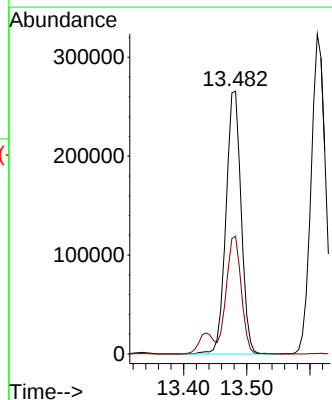
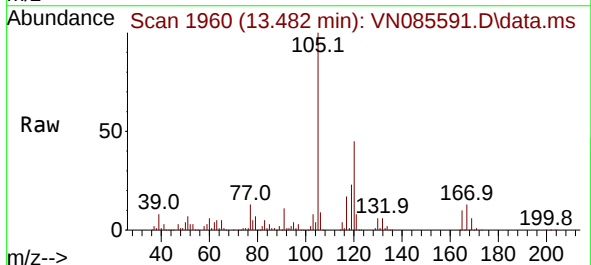
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

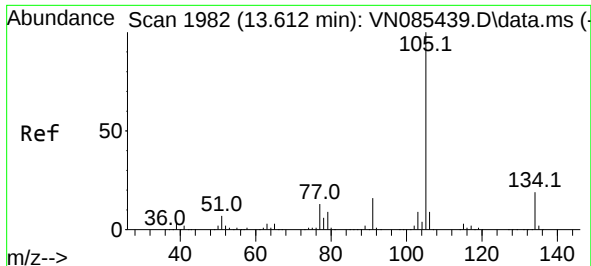
Tgt Ion:119 Resp: 353864  
 Ion Ratio Lower Upper  
 119 100  
 91 69.2 35.1 105.3  
 134 24.2 12.0 36.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.663 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.006 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

Tgt Ion:105 Resp: 442366  
 Ion Ratio Lower Upper  
 105 100  
 120 43.9 21.6 65.0

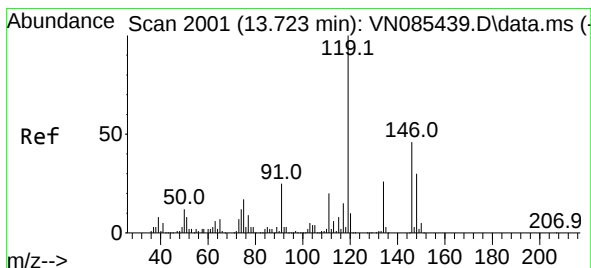
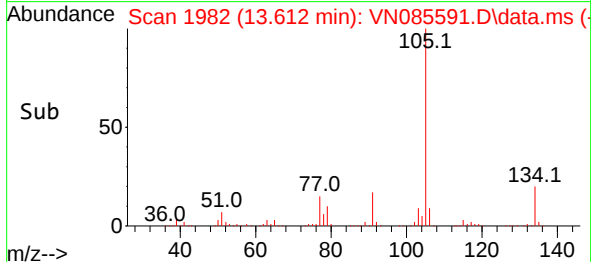
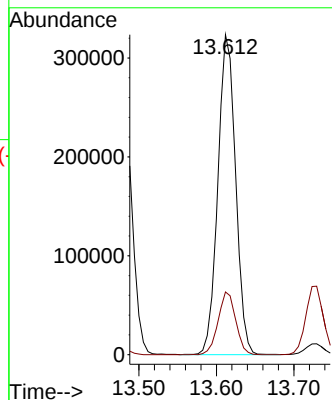
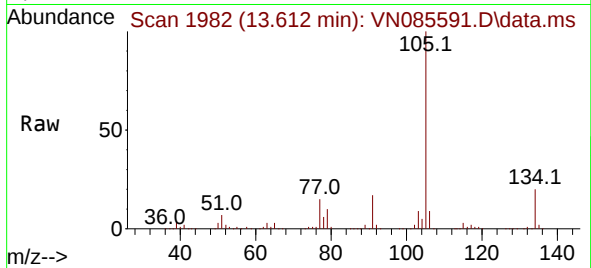




#85  
 sec-Butylbenzene  
 Concen: 54.515 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

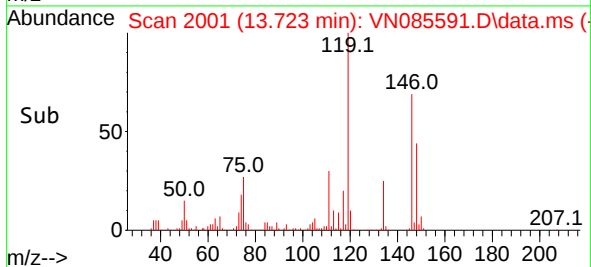
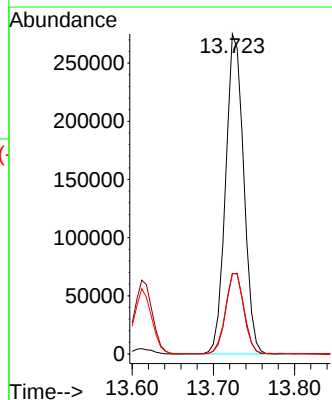
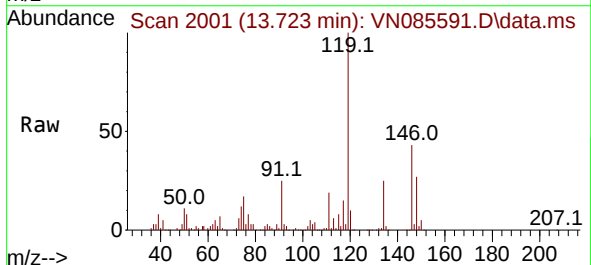
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

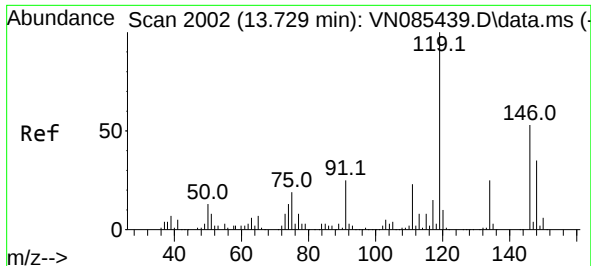
Tgt Ion:105 Resp: 515181  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 50.108 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. 0.000 min  
 Lab File: VN085591.D  
 Acq: 31 Jan 2025 10:04

Tgt Ion:119 Resp: 426531  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 12.7 38.0  
 91 25.4 12.7 38.1

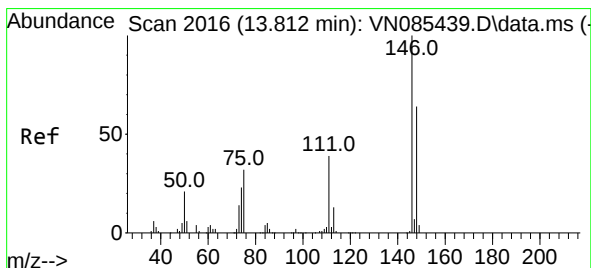
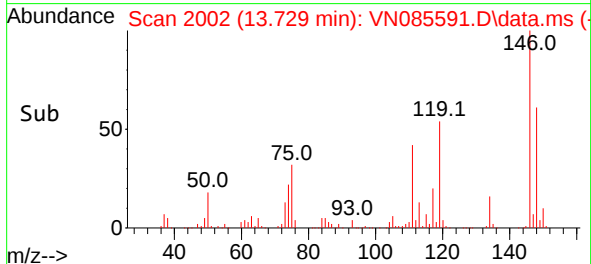
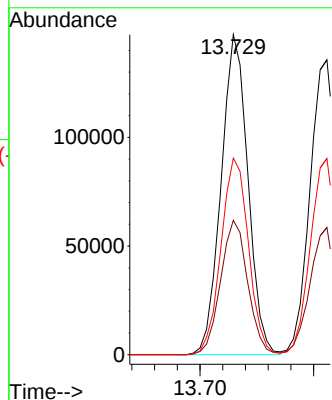
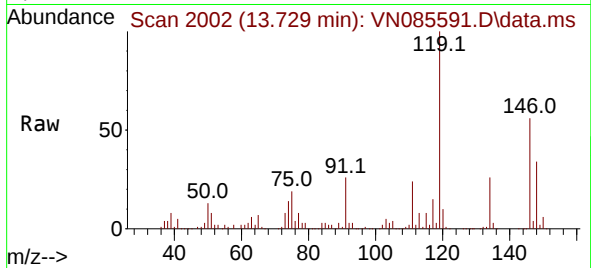




#87  
1,3-Dichlorobenzene  
Concen: 51.042 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

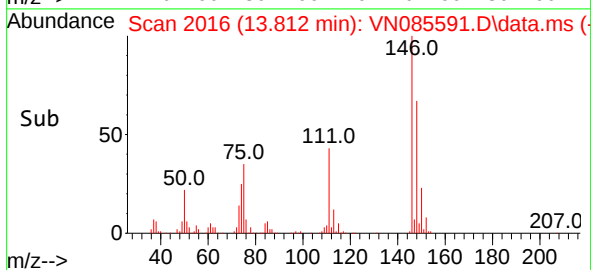
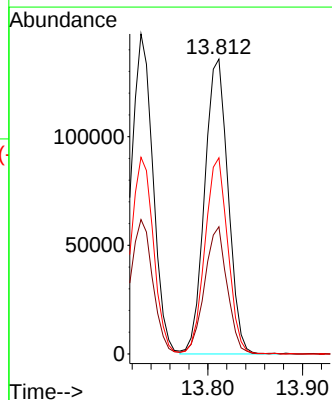
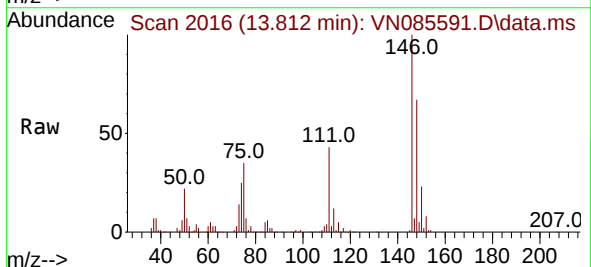
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 241411  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.4 64.3  
148 62.9 32.3 96.9



#88  
1,4-Dichlorobenzene  
Concen: 47.611 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion:146 Resp: 233405  
Ion Ratio Lower Upper  
146 100  
111 41.5 21.3 63.7  
148 64.9 32.4 97.0

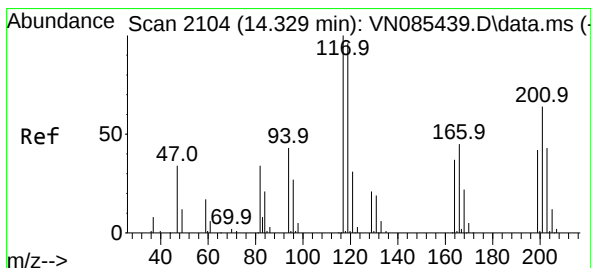
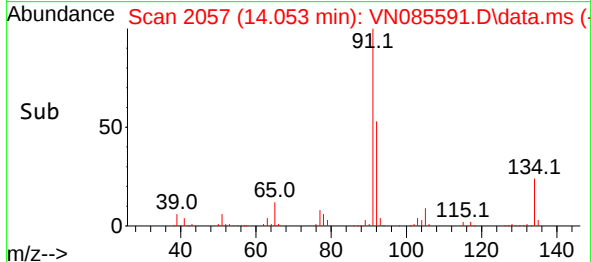
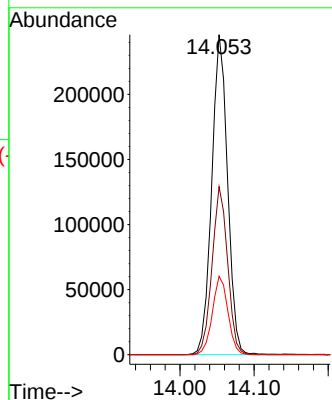
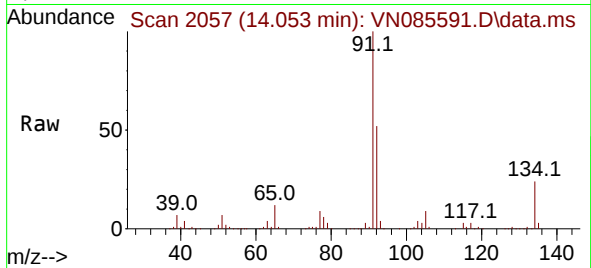




#89  
n-Butylbenzene  
Concen: 53.798 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

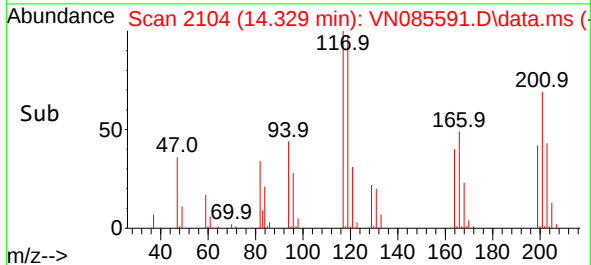
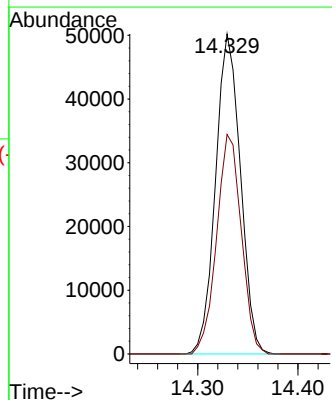
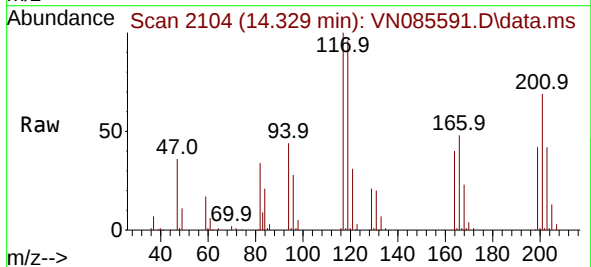
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

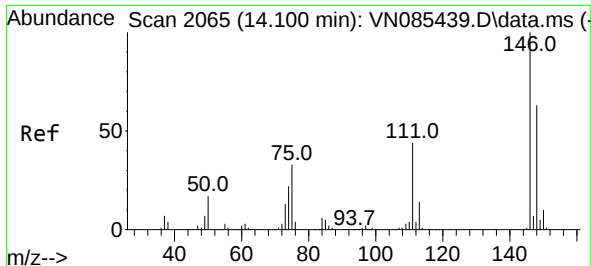
Tgt Ion: 91 Resp: 364737  
Ion Ratio Lower Upper  
91 100  
92 51.6 25.8 77.3  
134 24.1 11.7 35.1



#90  
Hexachloroethane  
Concen: 48.061 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 117 Resp: 86465  
Ion Ratio Lower Upper  
117 100  
201 68.0 33.7 101.0

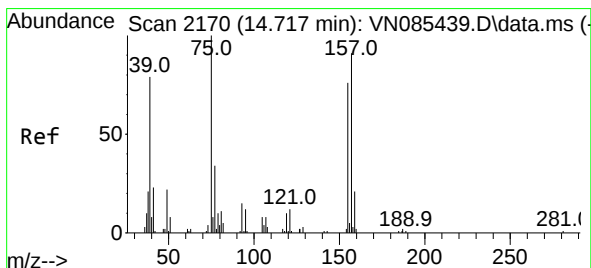
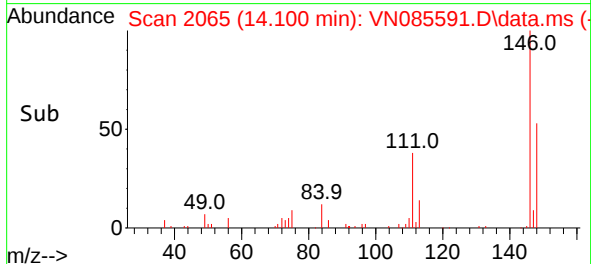
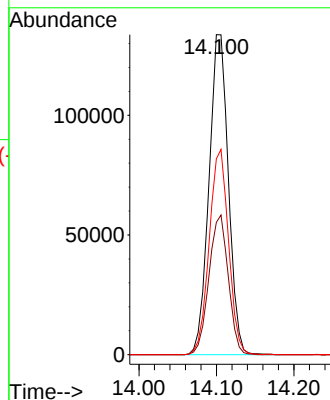
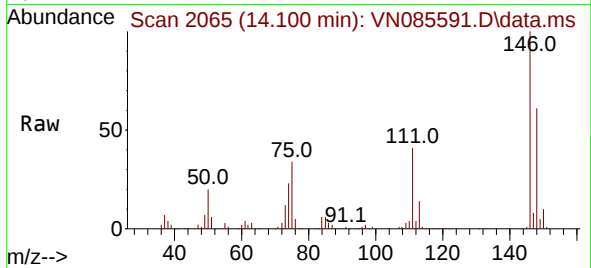




#91  
1,2-Dichlorobenzene  
Concen: 49.337 ug/l  
RT: 14.100 min Scan# 2065  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

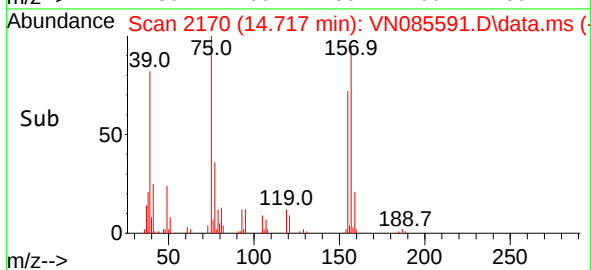
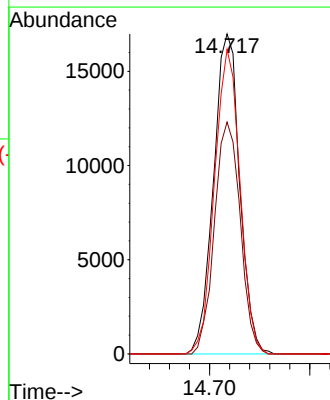
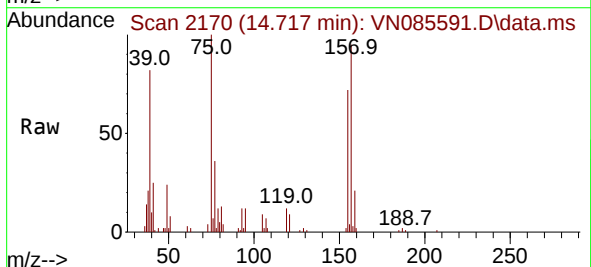
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

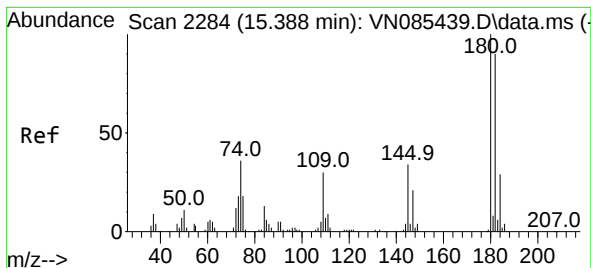
Tgt Ion:146 Resp: 232755  
Ion Ratio Lower Upper  
146 100  
111 43.5 21.7 65.1  
148 63.8 31.4 94.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.536 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VN085591.D  
Acq: 31 Jan 2025 10:04

Tgt Ion: 75 Resp: 30775  
Ion Ratio Lower Upper  
75 100  
155 71.5 36.4 109.2  
157 92.5 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 48.649 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

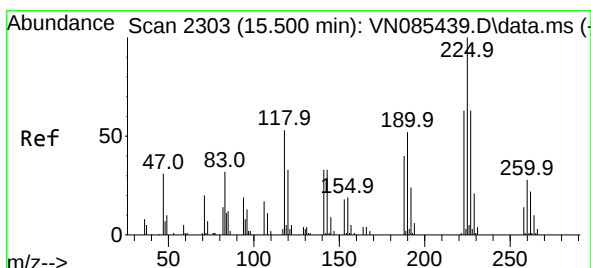
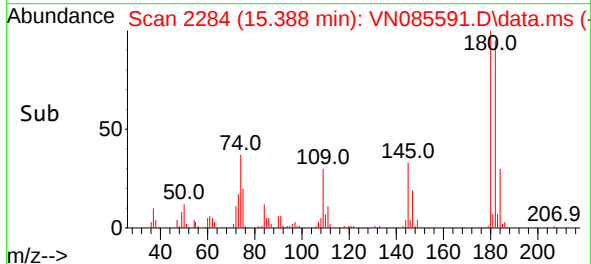
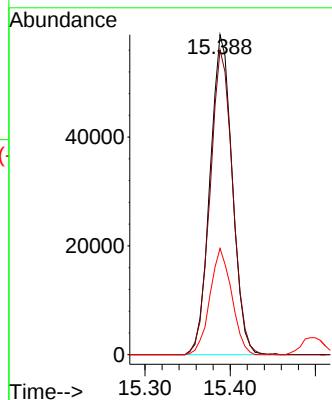
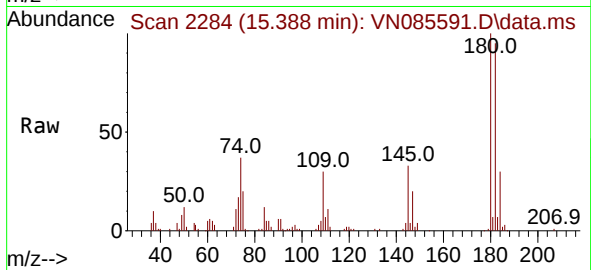
Tgt Ion:180 Resp: 106670

Ion Ratio Lower Upper

180 100

182 96.6 46.8 140.3

145 32.6 16.0 48.0



#94

Hexachlorobutadiene

Concen: 48.367 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

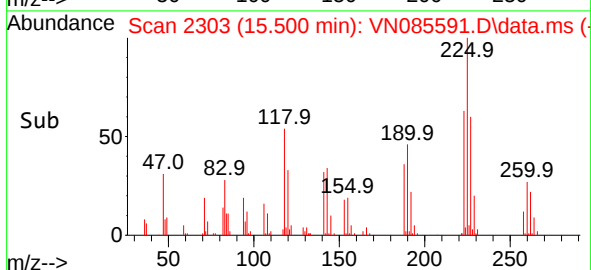
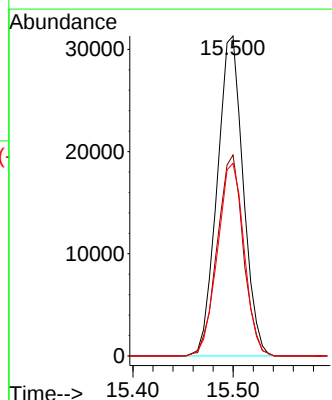
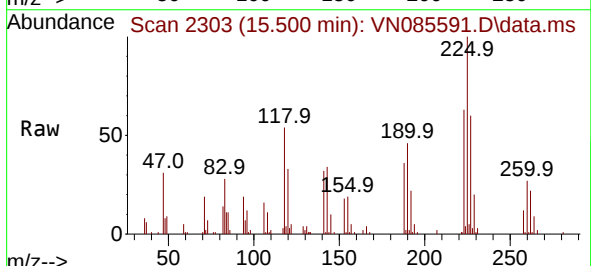
Tgt Ion:225 Resp: 56304

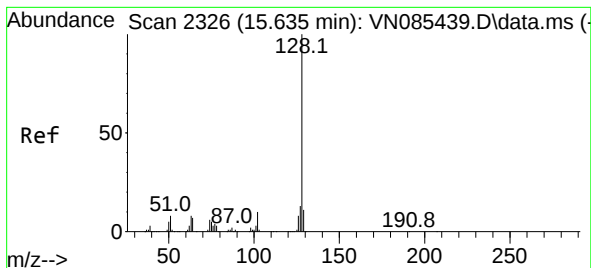
Ion Ratio Lower Upper

225 100

223 63.0 30.7 92.1

227 61.7 30.9 92.5





#95

Naphthalene

Concen: 48.220 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

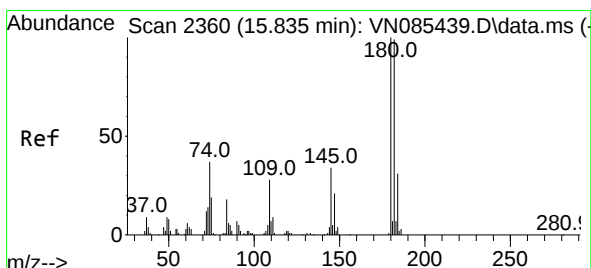
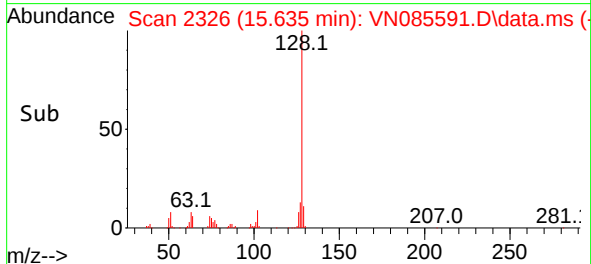
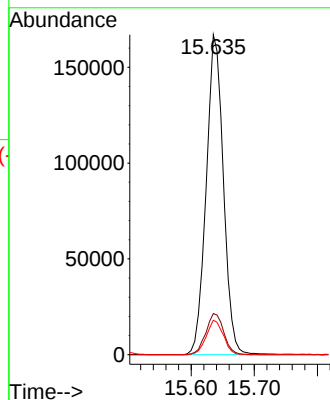
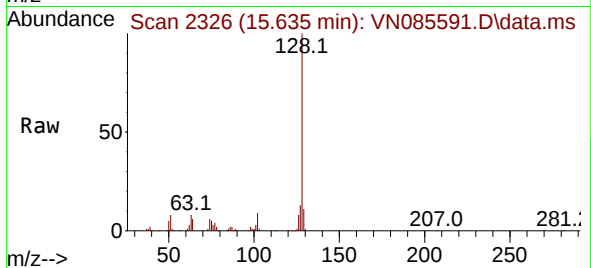
Tgt Ion:128 Resp: 315500

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.503 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085591.D

Acq: 31 Jan 2025 10:04

Tgt Ion:180 Resp: 107609

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.2

145 34.0 16.9 50.7

