

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032825\  
 Data File : VN086165.D  
 Acq On : 28 Mar 2025 21:06  
 Operator : JC\MD  
 Sample : VN0328MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328MBS01

Quant Time: Mar 28 23:41:17 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 19 03:20:56 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 209462   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 346170   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 311874   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 153431   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 138349   | 48.235   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 96.460% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 118497   | 49.042   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.080% |
| 50) Toluene-d8              | 10.565 | 98    | 432605   | 49.332   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 98.660% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 152149   | 48.651   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 97.300% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 47248  | 17.026  | ug/l   | 93  |
| 3) Chloromethane             | 2.359 | 50  | 49910  | 20.516  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.512 | 62  | 48662  | 19.563  | ug/l   | 97  |
| 5) Bromomethane              | 2.959 | 94  | 31682  | 18.698  | ug/l   | 100 |
| 6) Chloroethane              | 3.118 | 64  | 28483  | 18.151  | ug/l # | 88  |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 82335  | 18.413  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.959 | 74  | 28022  | 20.471  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 45053  | 18.958  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.589 | 142 | 60695  | 19.600  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 35022  | 86.241  | ug/l   | 95  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 43669  | 20.350  | ug/l   | 94  |
| 13) Acrolein                 | 4.177 | 56  | 30762  | 71.022  | ug/l   | 95  |
| 14) Allyl chloride           | 5.024 | 41  | 53165  | 19.859  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.718 | 53  | 109196 | 101.816 | ug/l   | 99  |
| 16) Acetone                  | 4.424 | 43  | 79648  | 90.894  | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.712 | 76  | 125413 | 17.771  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.024 | 43  | 52532  | 24.230  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 140020 | 19.912  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.277 | 84  | 52702  | 20.559  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.788 | 96  | 48548  | 20.701  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.671 | 45  | 135342 | 23.723  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.600 | 43  | 437799 | 101.231 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 87851  | 20.941  | ug/l   | 99  |
| 25) 2-Butanone               | 7.482 | 43  | 124240 | 98.259  | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.482 | 77  | 66408  | 16.442  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.482 | 96  | 55561  | 20.849  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.812 | 49  | 41252  | 23.209  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 84544  | 108.306 | ug/l   | 94  |
| 30) Chloroform               | 7.965 | 83  | 95608  | 20.618  | ug/l   | 98  |
| 31) Cyclohexane              | 8.253 | 56  | 68805  | 19.252  | ug/l   | 92  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 86622  | 19.734  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 61144  | 19.218  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.559 | 43  | 51233  | 19.088  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 79553  | 19.017  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.600 | 83  | 53761  | 17.032  | ug/l   | 94  |
| 40) Benzene                  | 8.600 | 78  | 205604 | 20.586  | ug/l   | 99  |

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 Sample : VN0328MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328MBS01

Quant Time: Mar 28 23:41:17 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 19 03:20:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 28770    | 22.447  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 67202    | 19.310  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 95606    | 16.438  | ug/l   | 95       |
| 44) Trichloroethene           | 9.353  | 130  | 48879    | 18.883  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 49853    | 21.946  | ug/l   | 97       |
| 46) Dibromomethane            | 9.706  | 93   | 35400    | 19.815  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 76296    | 20.434  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.676  | 41   | 39857    | 20.766  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 18126    | 399.498 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 266845   | 104.028 | ug/l   | 97       |
| 52) Toluene                   | 10.623 | 92   | 129884   | 21.188  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 70669    | 19.489  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 76762    | 20.065  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 50048    | 21.391  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 64572    | 20.175  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 80703    | 20.308  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 120439   | 99.892  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 192001   | 102.747 | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.359 | 129  | 60527    | 20.048  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 47736    | 19.874  | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.100 | 164  | 48737    | 19.590  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.888 | 112  | 140275   | 19.656  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 53050    | 19.997  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.959 | 91   | 222657   | 19.504  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 180579   | 40.246  | ug/l   | 98       |
| 69) o-Xylene                  | 12.394 | 106  | 82577    | 20.052  | ug/l   | 99       |
| 70) Styrene                   | 12.412 | 104  | 143375   | 20.383  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 40730    | 18.366  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 206853   | 19.742  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 70731    | 20.177  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 69241    | 19.534  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 87014    | 25.331  | ug/l   | 76       |
| 77) Bromobenzene              | 12.976 | 156  | 57752    | 19.768  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 240792   | 20.295  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 155613   | 19.747  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 178950   | 20.229  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 23993    | 18.467  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 160559   | 19.813  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 142694   | 18.861  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 183422   | 20.558  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.611 | 105  | 205455   | 20.817  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 166910   | 19.978  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 104101   | 19.768  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.806 | 146  | 106694   | 19.283  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 130539   | 19.187  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 36221    | 18.789  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 102960   | 19.667  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 13075    | 18.479  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 47862    | 18.183  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 26518    | 17.364  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 136491   | 17.907  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 48154    | 19.279  | ug/l   | 96       |

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Sample : VN0328MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 28 Sample Multiplier: 1

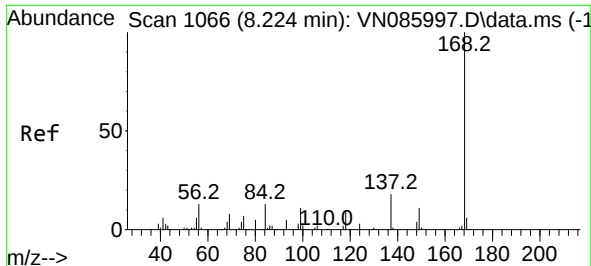
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

Quant Time: Mar 28 23:41:17 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 19 03:20:56 2025  
Response via : Initial Calibration

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

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

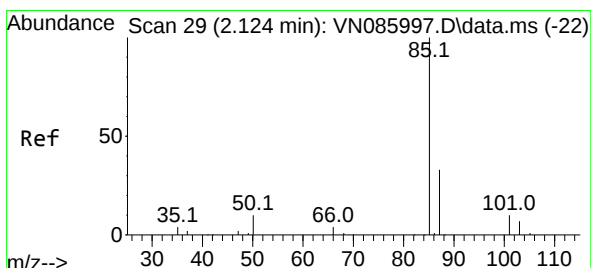
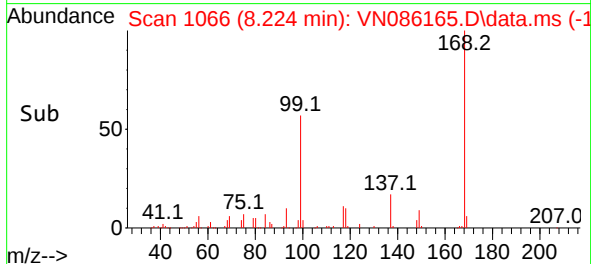
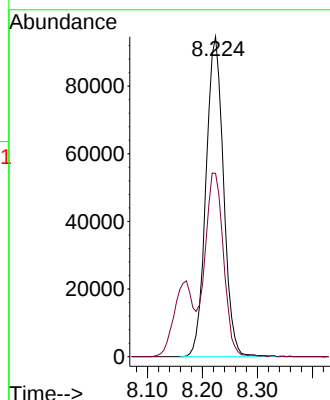
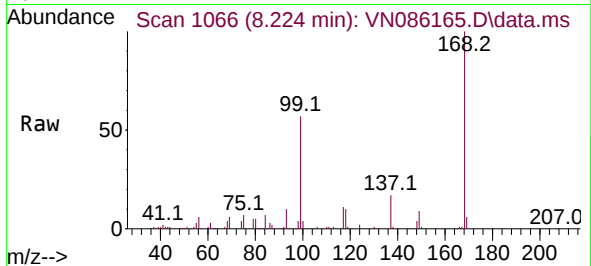




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

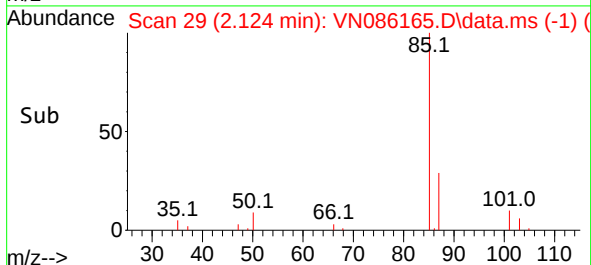
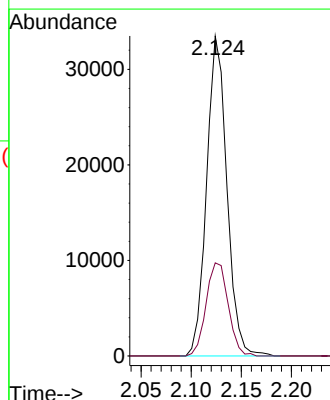
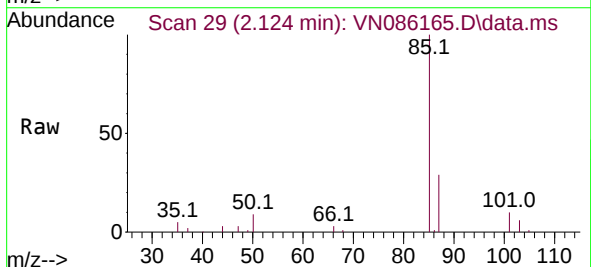
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MSVOA\_N  
ClientSampleId :  
VN0328MBS01

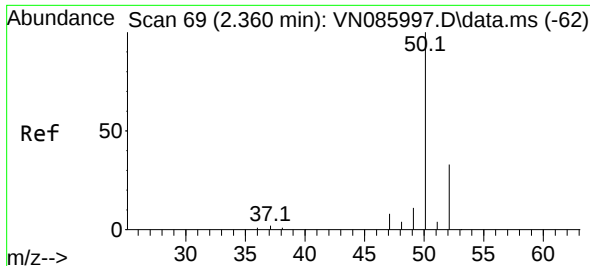
Tgt Ion:168 Resp: 209462  
Ion Ratio Lower Upper  
168 100  
99 57.1 49.4 74.2



#2  
Dichlorodifluoromethane  
Concen: 17.026 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 85 Resp: 47248  
Ion Ratio Lower Upper  
85 100  
87 29.1 16.5 49.5





#3

Chloromethane

Concen: 20.516 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

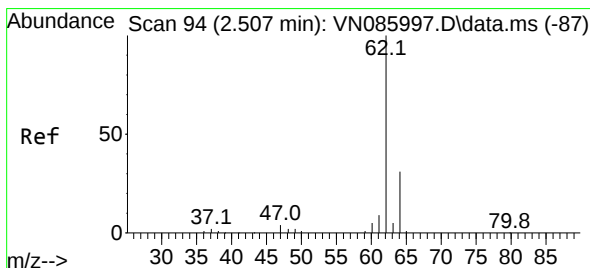
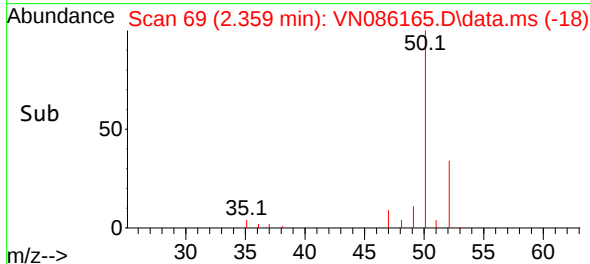
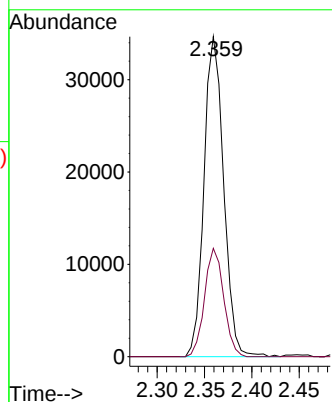
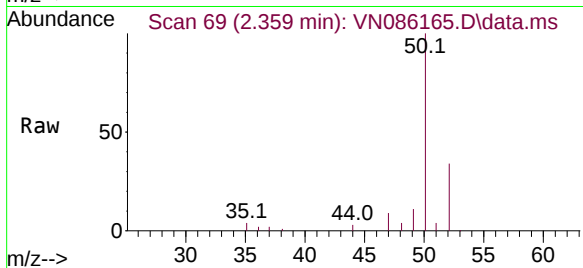
VN0328MBS01

Tgt Ion: 50 Resp: 49910

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0



#4

Vinyl Chloride

Concen: 19.563 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.006 min

Lab File: VN086165.D

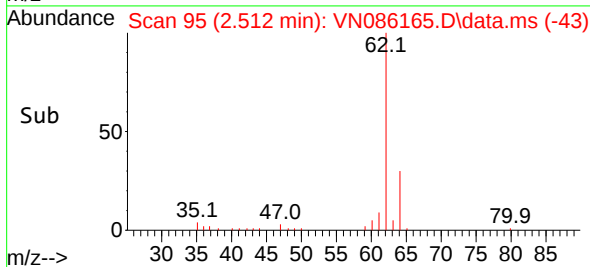
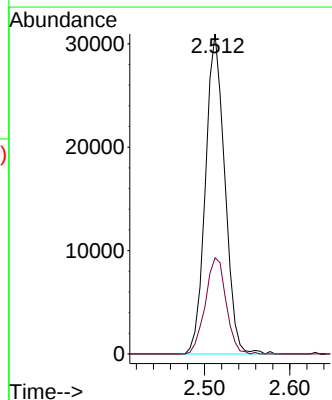
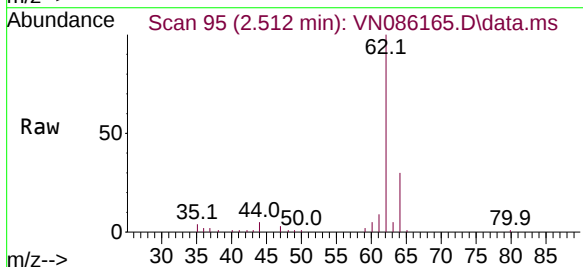
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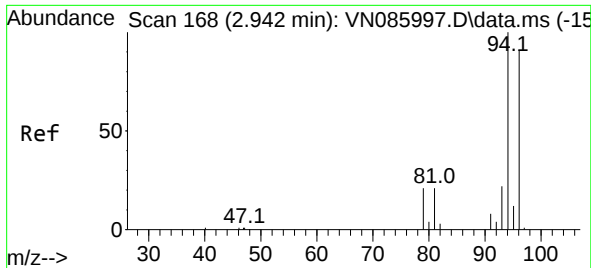
Tgt Ion: 62 Resp: 48662

Ion Ratio Lower Upper

62 100

64 30.0 25.2 37.8

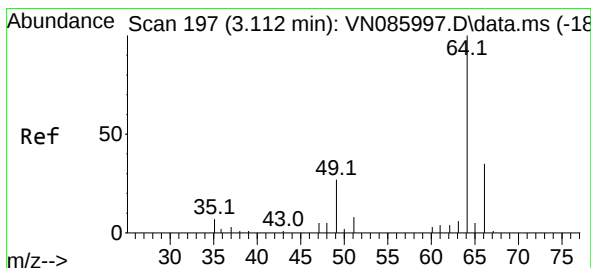
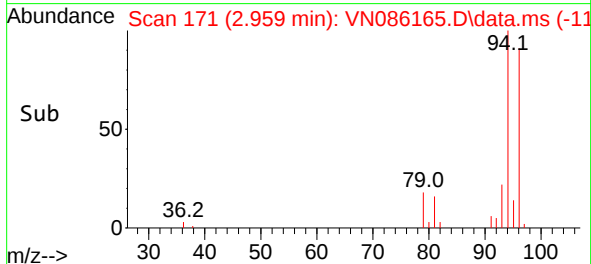
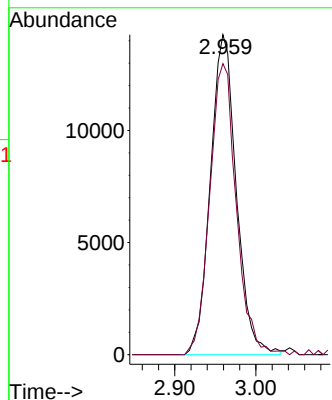
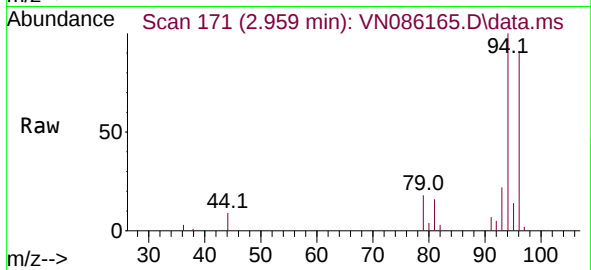




#5  
Bromomethane  
Concen: 18.698 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.017 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

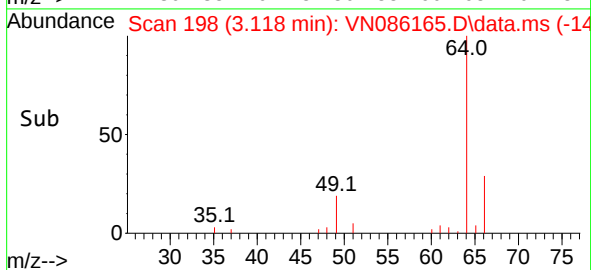
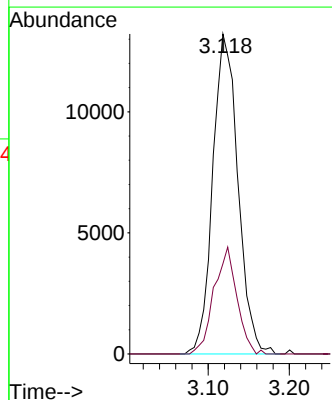
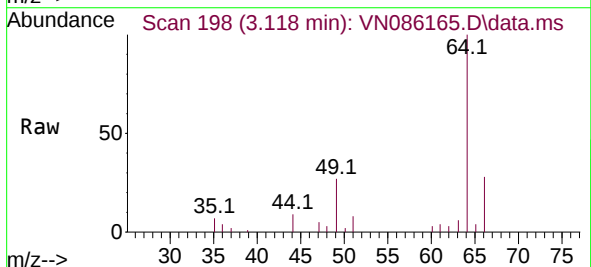
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

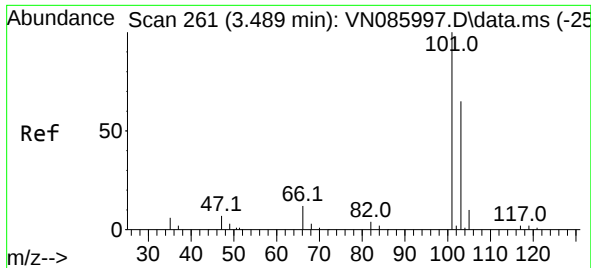
Tgt Ion: 94 Resp: 31682  
Ion Ratio Lower Upper  
94 100  
96 91.0 72.8 109.2



#6  
Chloroethane  
Concen: 18.151 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 64 Resp: 28483  
Ion Ratio Lower Upper  
64 100  
66 28.2 28.3 42.5#

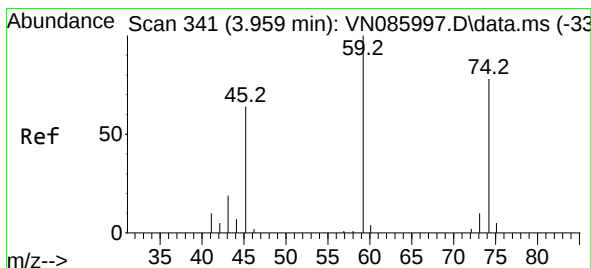
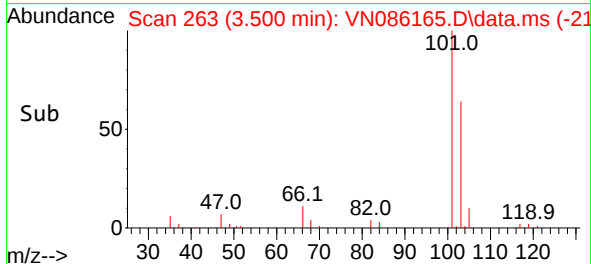
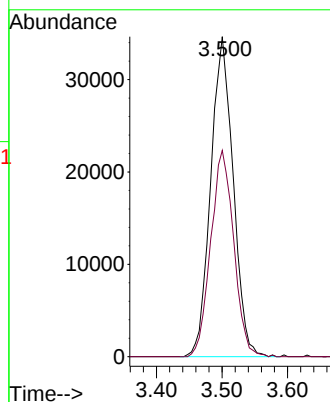
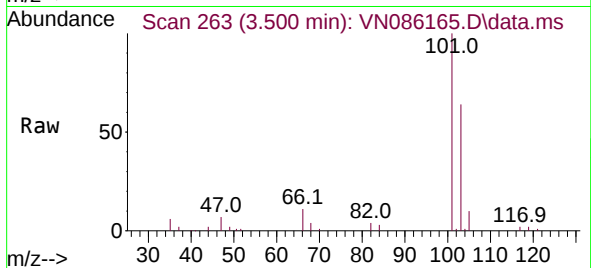




#7  
 Trichlorofluoromethane  
 Concen: 18.413 ug/l  
 RT: 3.500 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: VN086165.D  
 Acq: 28 Mar 2025 21:06

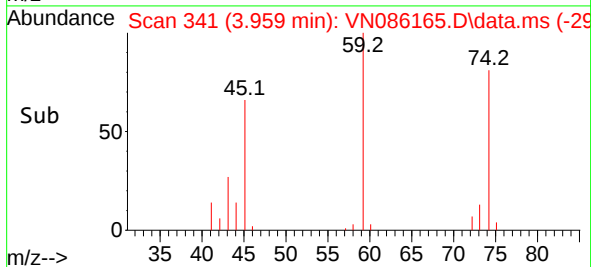
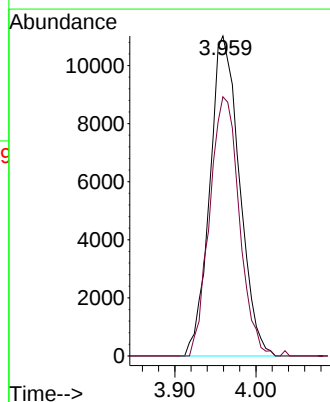
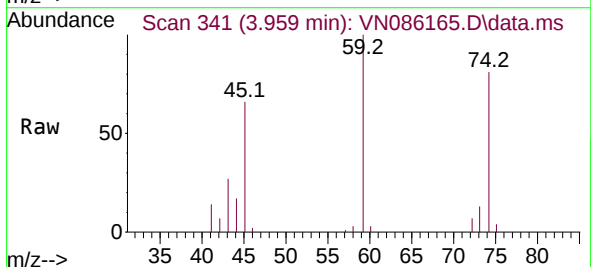
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328MBS01

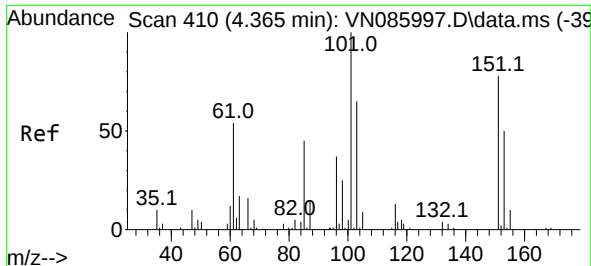
Tgt Ion:101 Resp: 82335  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 51.7 77.5



#8  
 Diethyl Ether  
 Concen: 20.471 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN086165.D  
 Acq: 28 Mar 2025 21:06

Tgt Ion: 74 Resp: 28022  
 Ion Ratio Lower Upper  
 74 100  
 45 80.6 38.0 113.9

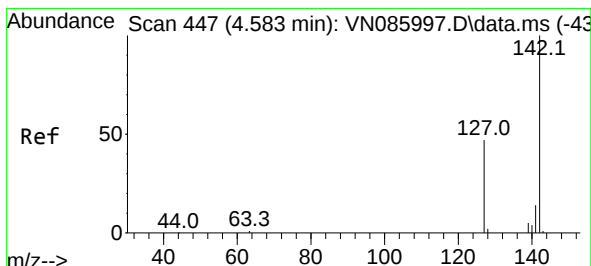
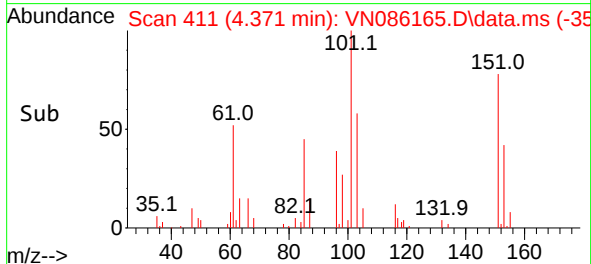
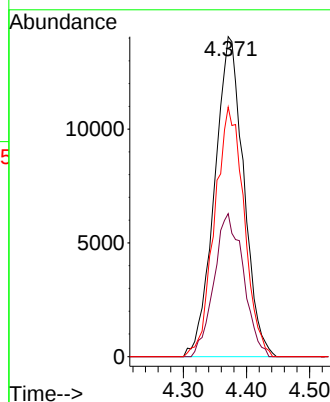
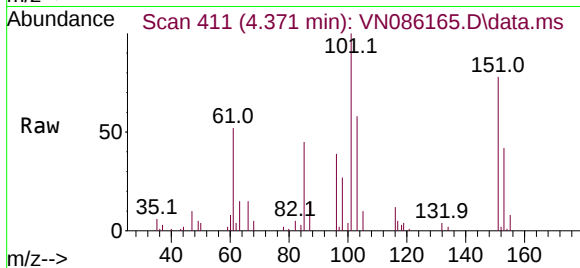




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.958 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

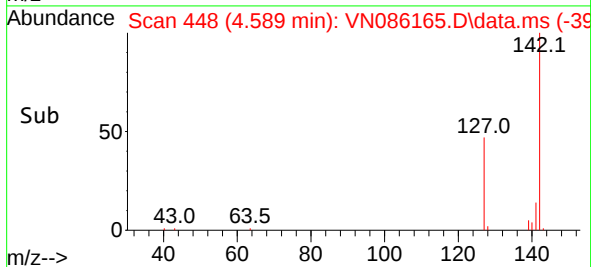
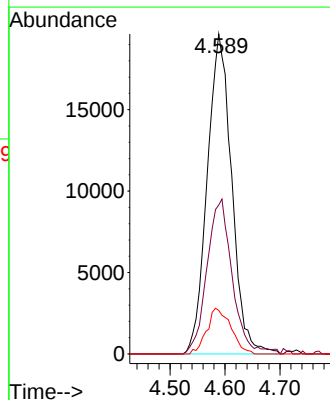
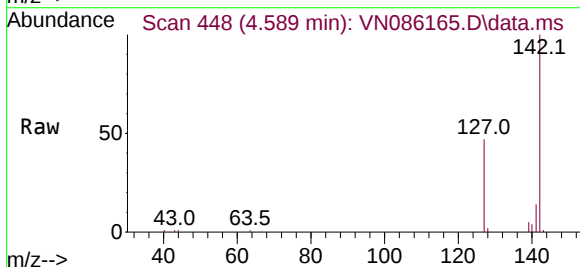
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

Tgt Ion:101 Resp: 45053  
Ion Ratio Lower Upper  
101 100  
85 45.0 36.5 54.7  
151 78.8 63.4 95.0



#10  
Methyl Iodide  
Concen: 19.600 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion:142 Resp: 60695  
Ion Ratio Lower Upper  
142 100  
127 46.5 37.5 56.3  
141 13.6 11.0 16.6

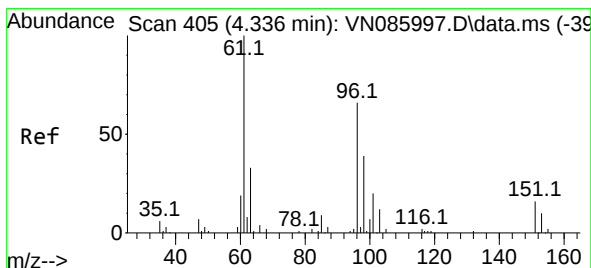
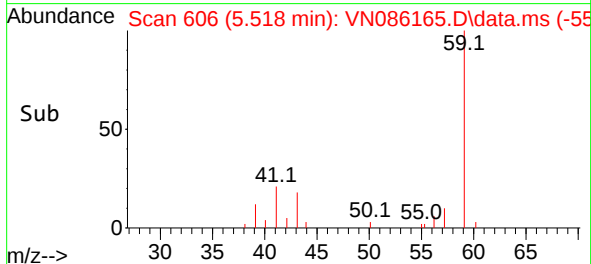
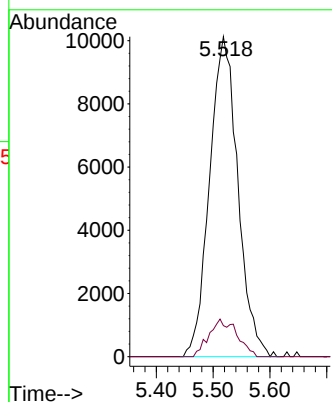
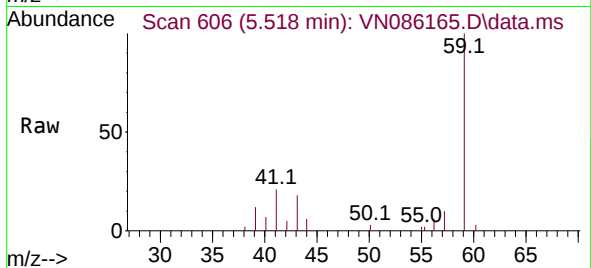




#11  
Tert butyl alcohol  
Concen: 86.241 ug/l  
RT: 5.518 min Scan# 607  
Delta R.T. -0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

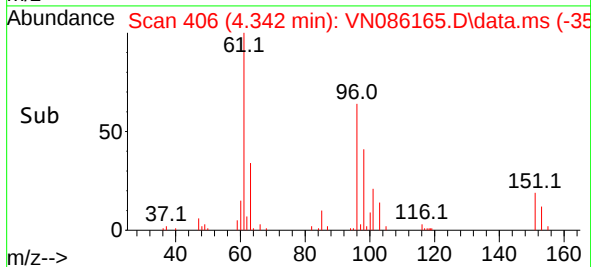
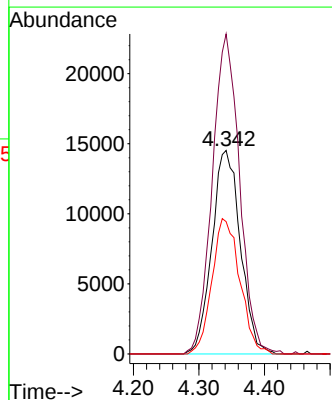
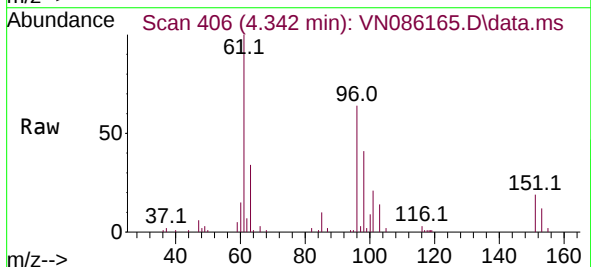
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

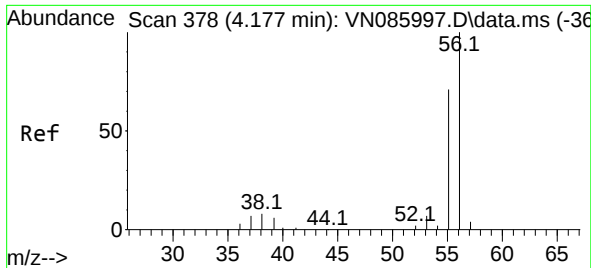
Tgt Ion: 59 Resp: 35022  
Ion Ratio Lower Upper  
59 100  
57 11.6 7.9 11.9



#12  
1,1-Dichloroethene  
Concen: 20.350 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 96 Resp: 43669  
Ion Ratio Lower Upper  
96 100  
61 157.3 120.5 180.7  
98 65.0 47.4 71.0

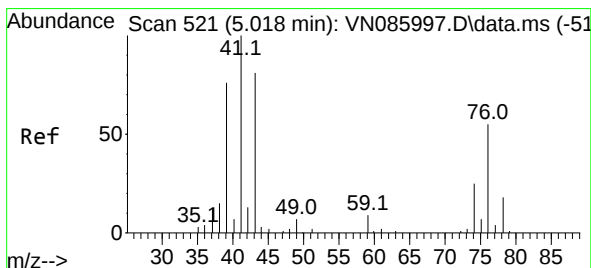
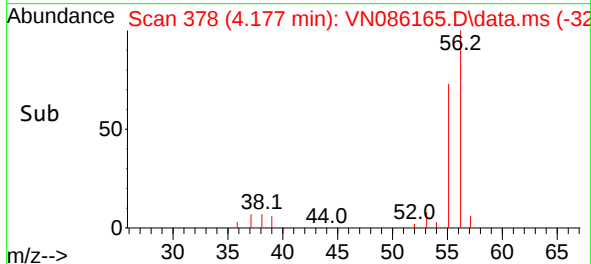
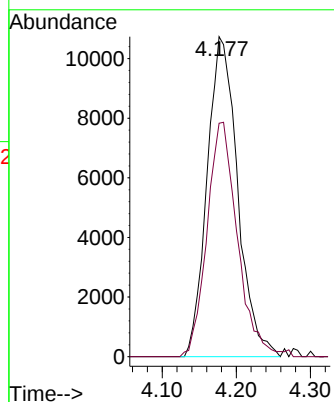
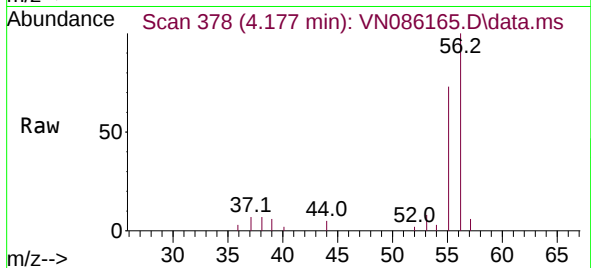




#13  
Acrolein  
Concen: 71.022 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

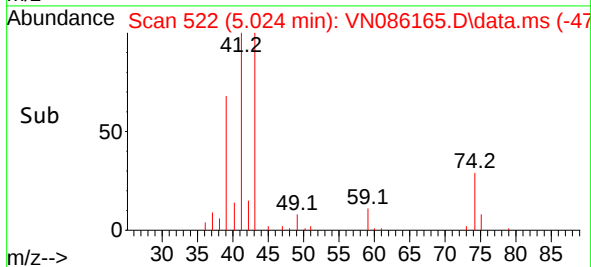
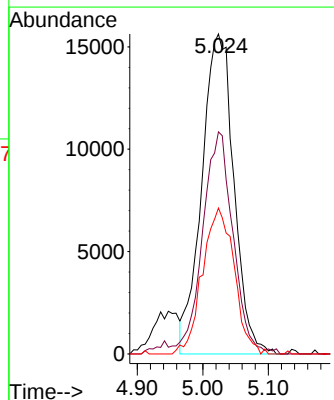
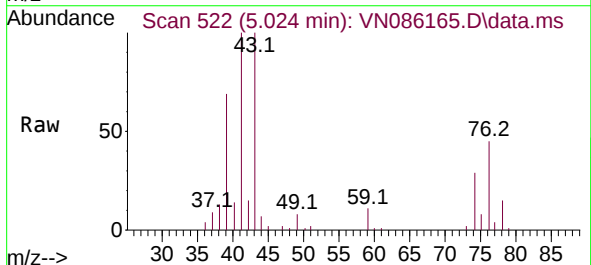
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

Tgt Ion: 56 Resp: 30762  
Ion Ratio Lower Upper  
56 100  
55 72.9 55.1 82.7



#14  
Allyl chloride  
Concen: 19.859 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 41 Resp: 53165  
Ion Ratio Lower Upper  
41 100  
39 65.8 55.5 83.3  
76 45.1 39.1 58.7

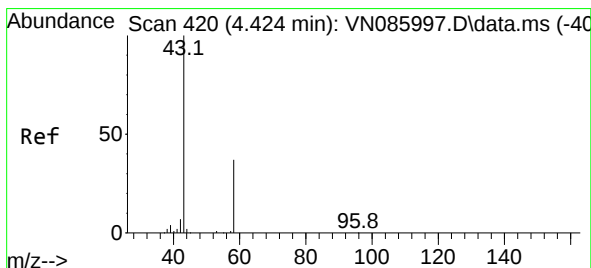
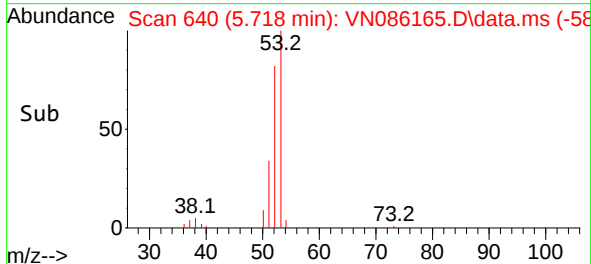
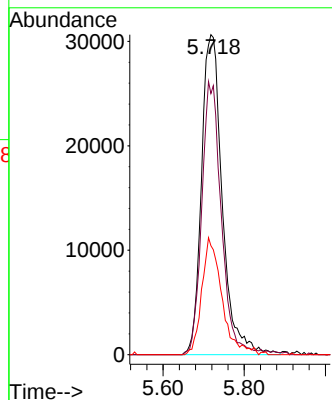
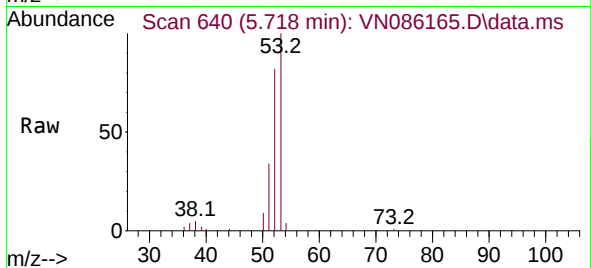




#15  
Acrylonitrile  
Concen: 101.816 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

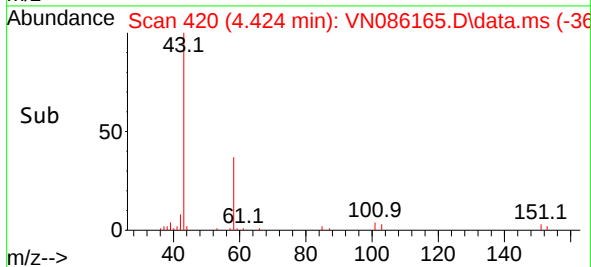
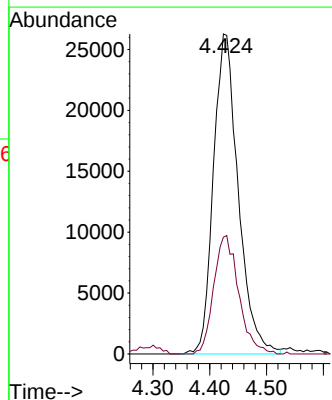
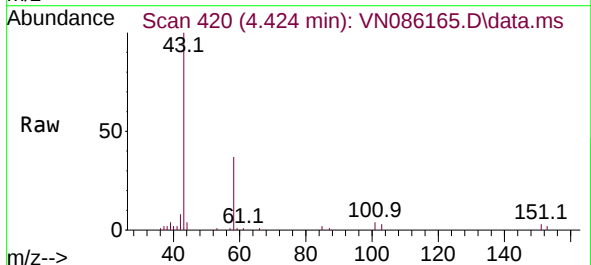
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

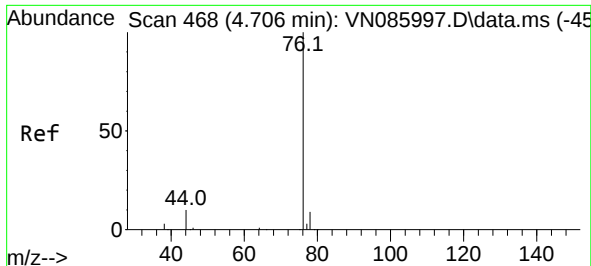
Tgt Ion: 53 Resp: 109196  
Ion Ratio Lower Upper  
53 100  
52 80.4 63.9 95.9  
51 35.2 27.1 40.7



#16  
Acetone  
Concen: 90.894 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 43 Resp: 79648  
Ion Ratio Lower Upper  
43 100  
58 36.5 29.4 44.2

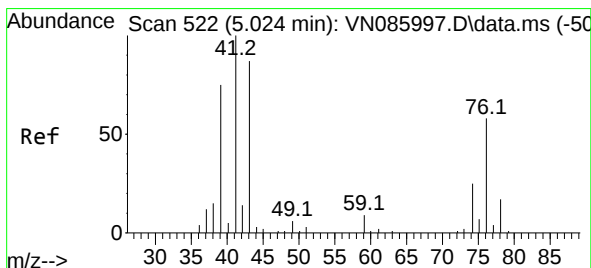
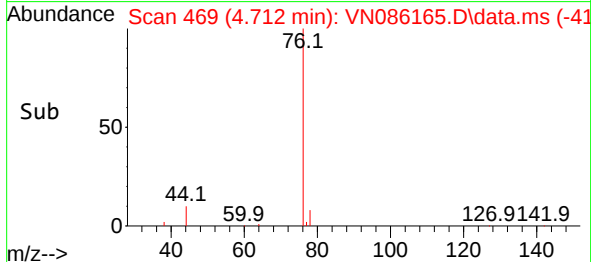
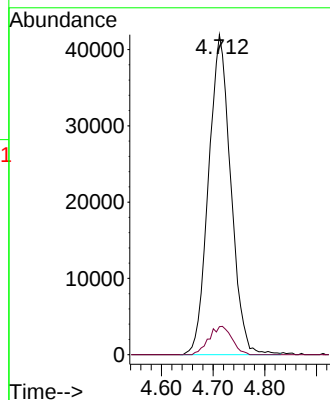
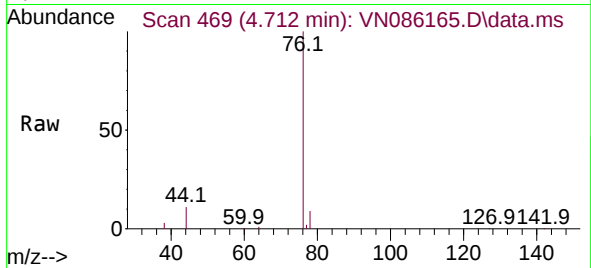




#17  
Carbon Disulfide  
Concen: 17.771 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

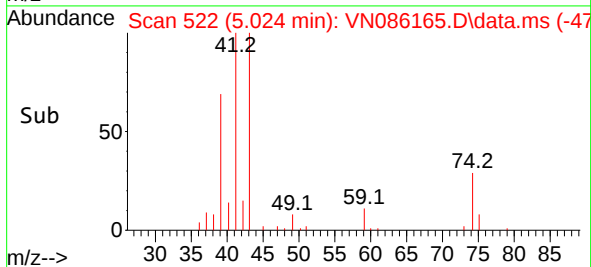
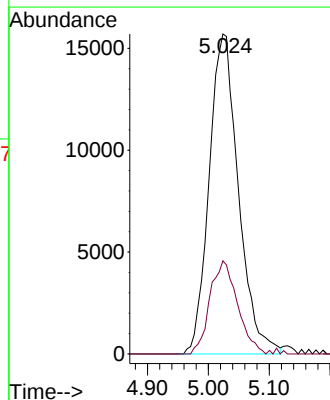
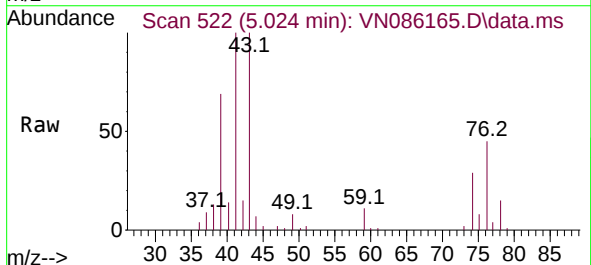
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

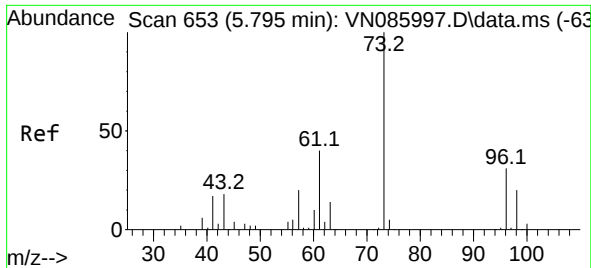
Tgt Ion: 76 Resp: 125413  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.2



#18  
Methyl Acetate  
Concen: 24.230 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 43 Resp: 52532  
Ion Ratio Lower Upper  
43 100  
74 27.4 23.9 35.9

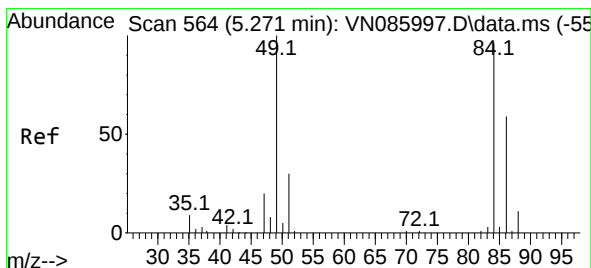
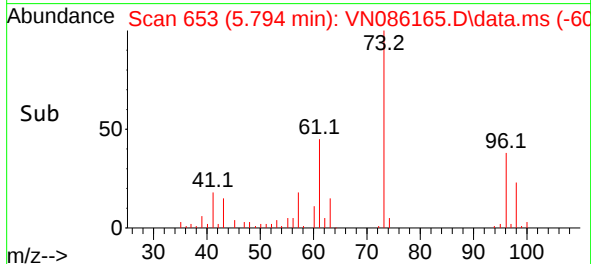
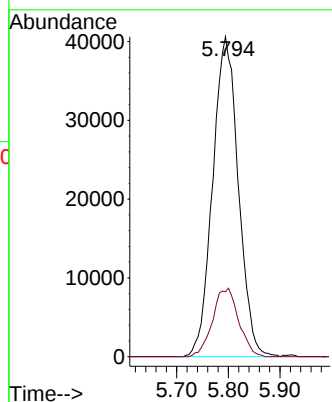
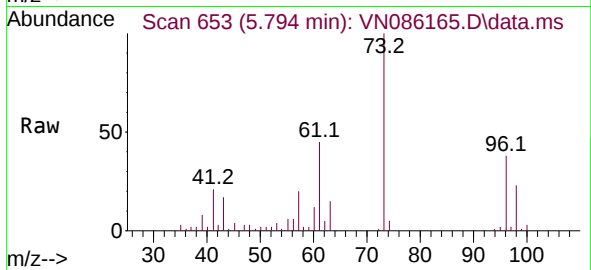




#19  
Methyl tert-butyl Ether  
Concen: 19.912 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

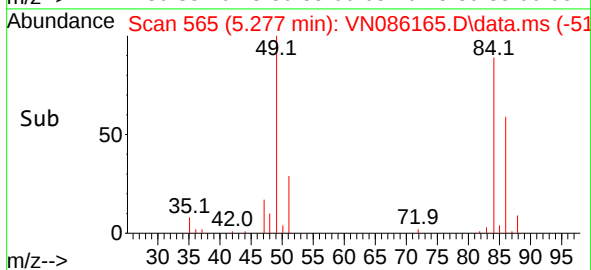
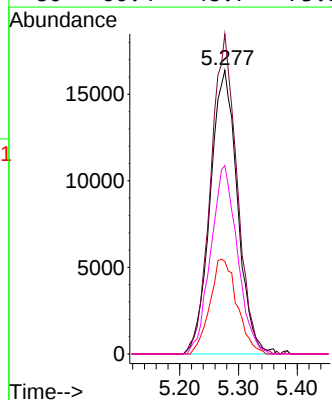
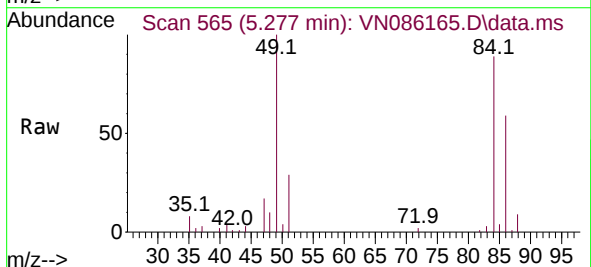
Instrument :  
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ClientSampleId :  
VN0328MBS01

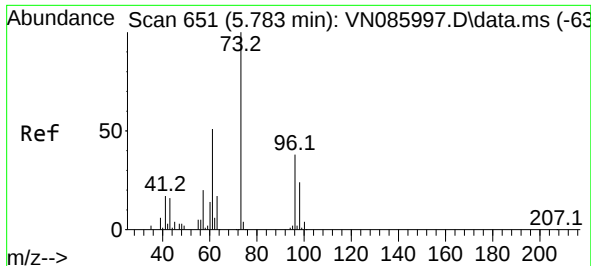
Tgt Ion: 73 Resp: 140020  
Ion Ratio Lower Upper  
73 100  
57 20.3 16.1 24.1



#20  
Methylene Chloride  
Concen: 20.559 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 84 Resp: 52702  
Ion Ratio Lower Upper  
84 100  
49 112.8 83.3 124.9  
51 32.7 24.8 37.2  
86 66.4 48.7 73.1

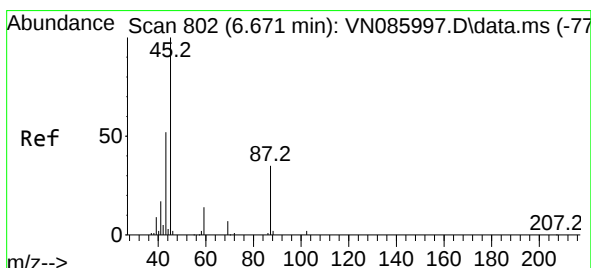
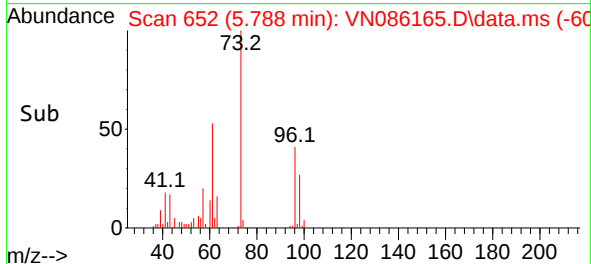
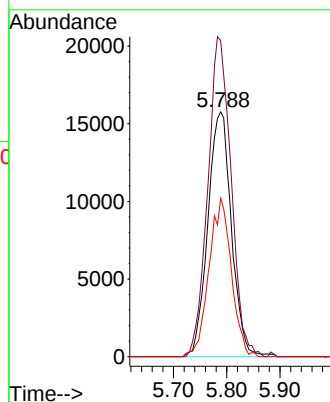
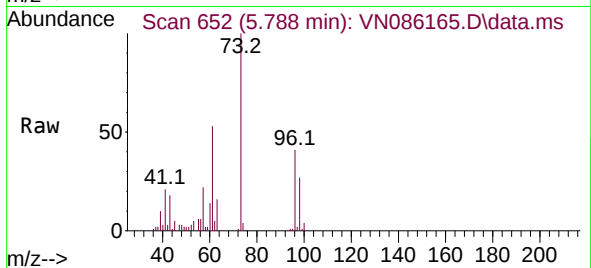




#21  
trans-1,2-Dichloroethene  
Concen: 20.701 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

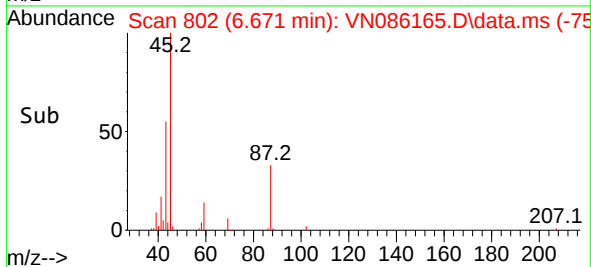
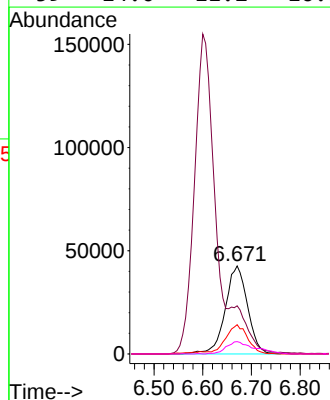
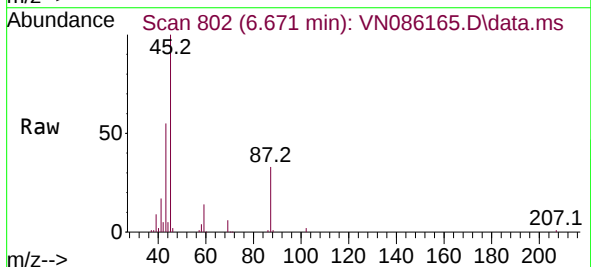
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

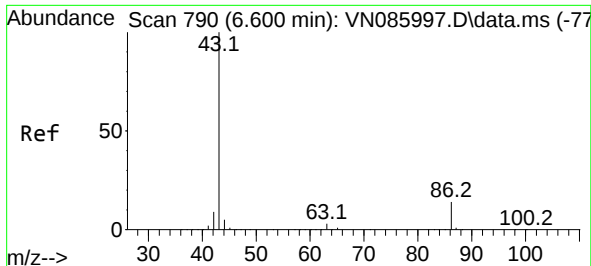
Tgt Ion: 96 Resp: 48548  
Ion Ratio Lower Upper  
96 100  
61 129.1 106.6 160.0  
98 64.7 50.0 75.0



#22  
Diisopropyl ether  
Concen: 23.723 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 45 Resp: 135342  
Ion Ratio Lower Upper  
45 100  
43 52.6 41.2 61.8  
87 33.3 28.5 42.7  
59 14.0 11.2 16.8





#23

Vinyl Acetate

Concen: 101.231 ug/l

RT: 6.600 min Scan# 790

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

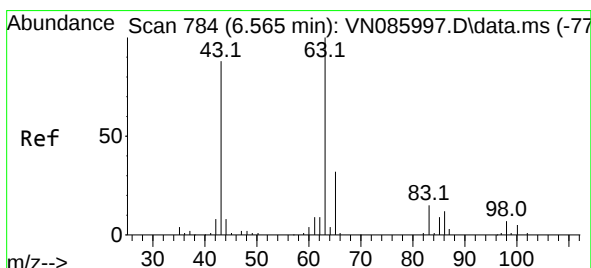
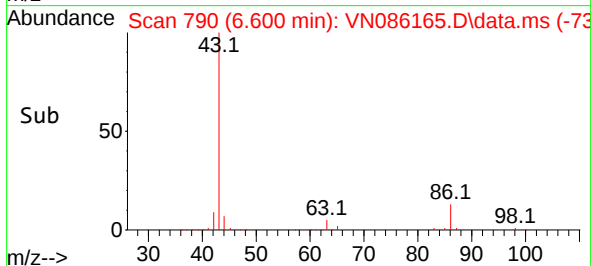
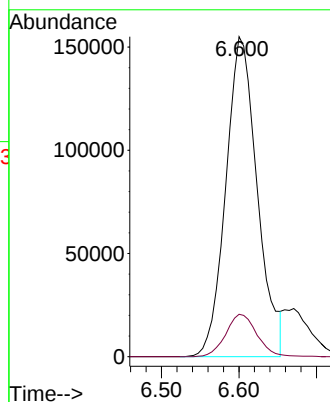
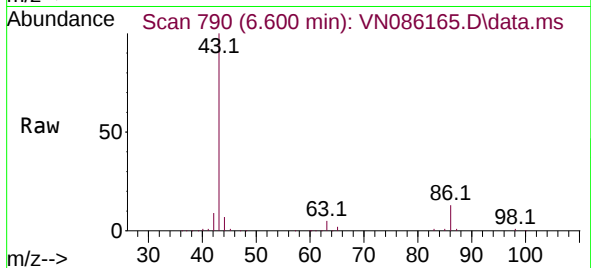
VN0328MBS01

Tgt Ion: 43 Resp: 437799

Ion Ratio Lower Upper

43 100

86 13.3 11.2 16.8



#24

1,1-Dichloroethane

Concen: 20.941 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

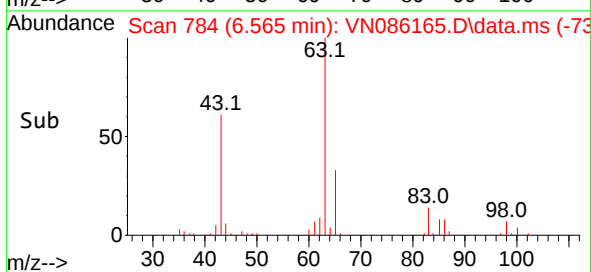
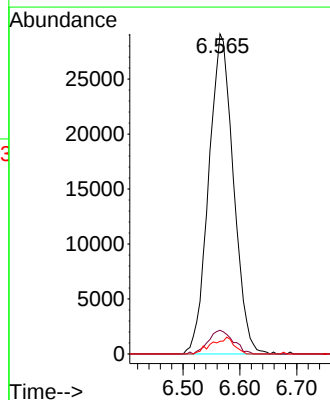
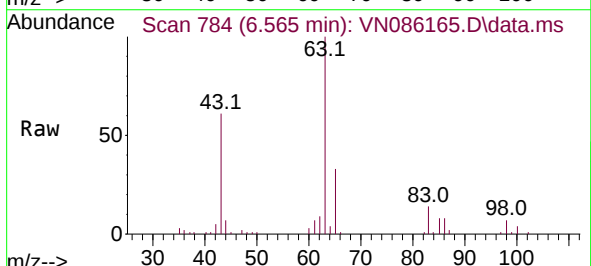
Tgt Ion: 63 Resp: 87851

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

100 3.9 2.5 7.5

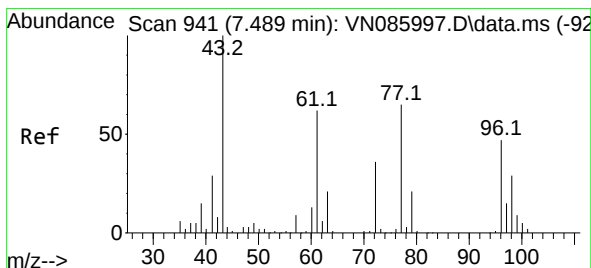
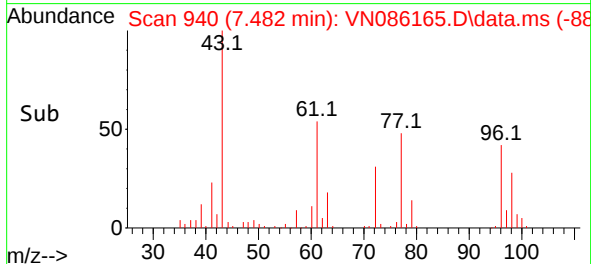
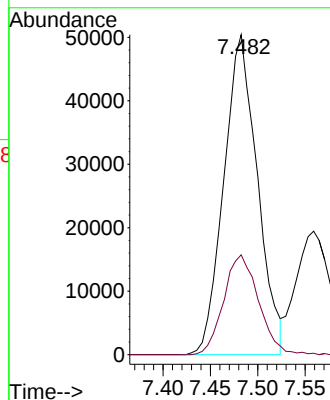
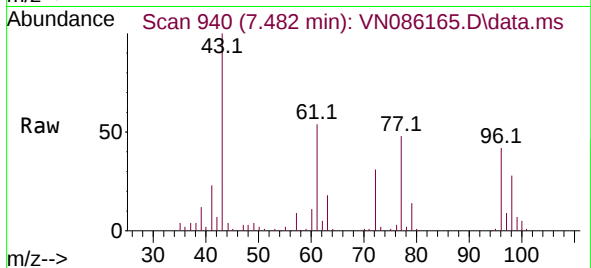




#25  
2-Butanone  
Concen: 98.259 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

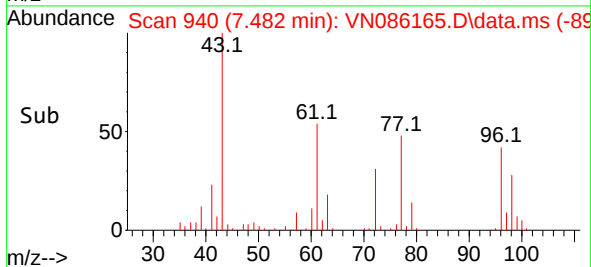
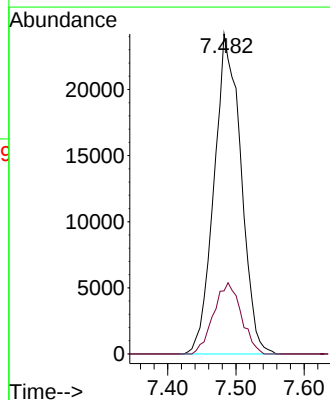
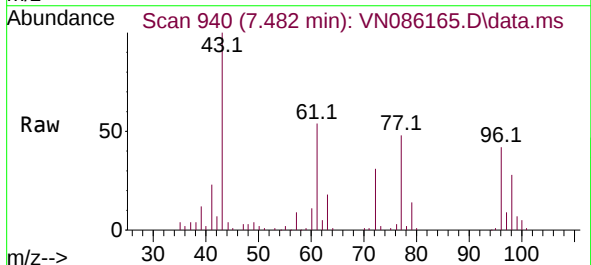
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

Tgt Ion: 43 Resp: 124240  
Ion Ratio Lower Upper  
43 100  
72 31.2 27.4 41.0



#26  
2,2-Dichloropropane  
Concen: 16.442 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 77 Resp: 66408  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.2 33.5

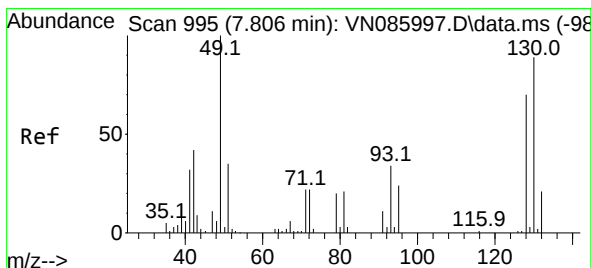
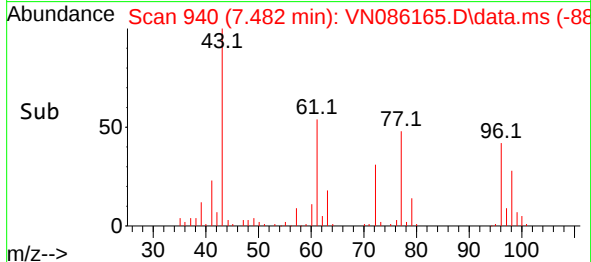
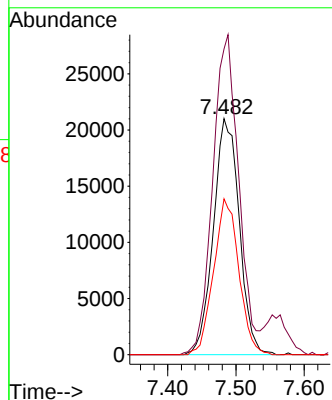
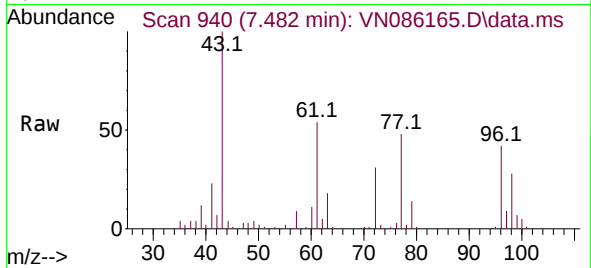




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.849 ug/l  
 RT: 7.482 min Scan# 940  
 Delta R.T. -0.000 min  
 Lab File: VN086165.D  
 Acq: 28 Mar 2025 21:06

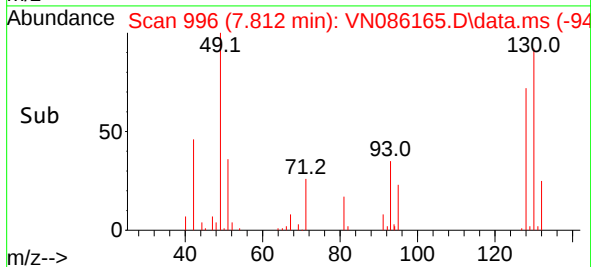
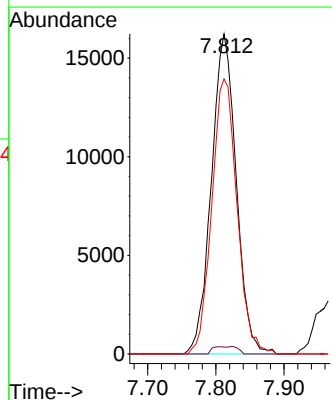
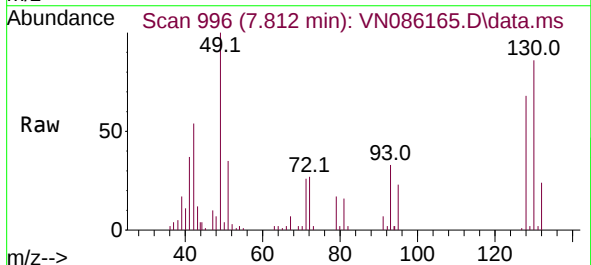
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328MBS01

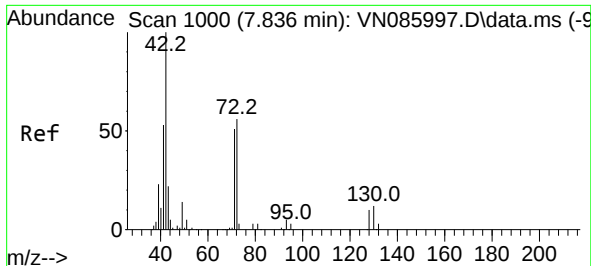
Tgt Ion: 96 Resp: 55561  
 Ion Ratio Lower Upper  
 96 100  
 61 136.4 0.0 272.8  
 98 64.3 0.0 124.8



#28  
 Bromochloromethane  
 Concen: 23.209 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN086165.D  
 Acq: 28 Mar 2025 21:06

Tgt Ion: 49 Resp: 41252  
 Ion Ratio Lower Upper  
 49 100  
 129 1.2 0.0 4.2  
 130 87.1 74.2 111.4





#29

Tetrahydrofuran

Concen: 108.306 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0328MBS01

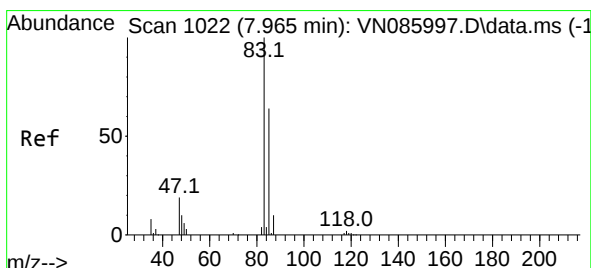
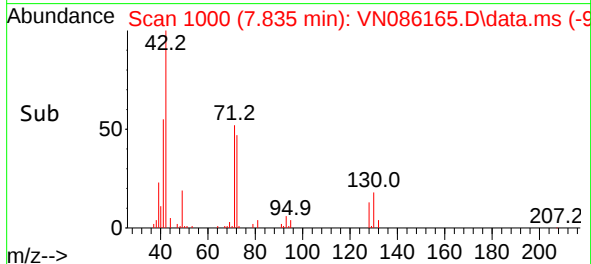
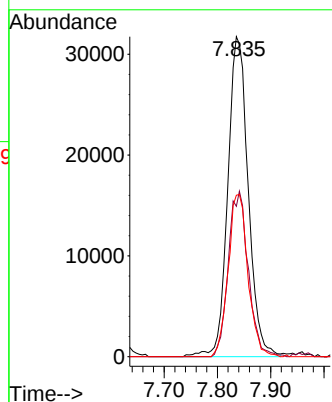
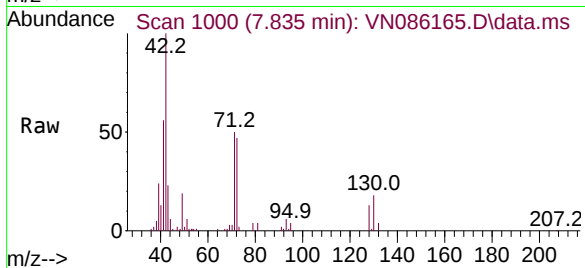
Tgt Ion: 42 Resp: 84544

Ion Ratio Lower Upper

42 100

72 50.7 45.0 67.4

71 49.1 41.9 62.9



#30

Chloroform

Concen: 20.618 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086165.D

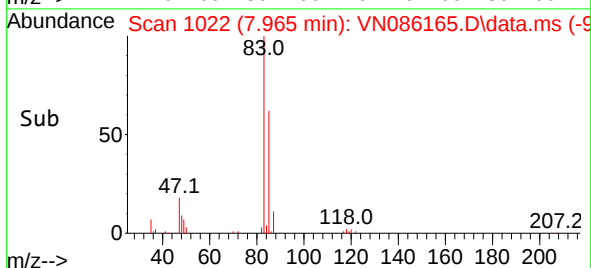
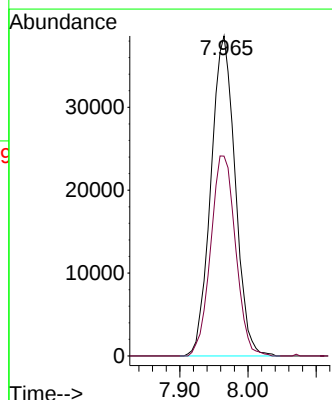
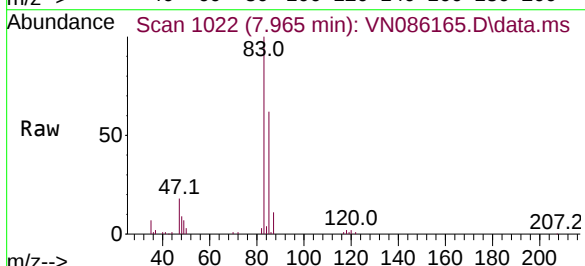
Acq: 28 Mar 2025 21:06

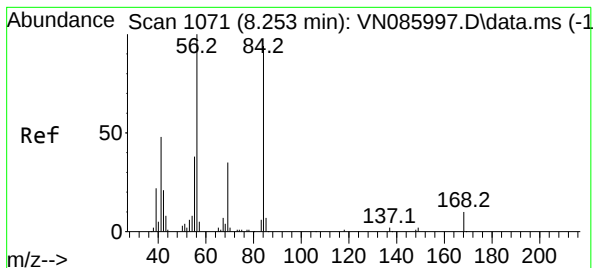
Tgt Ion: 83 Resp: 95608

Ion Ratio Lower Upper

83 100

85 62.5 51.5 77.3





#31

Cyclohexane

Concen: 19.252 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0328MBS01

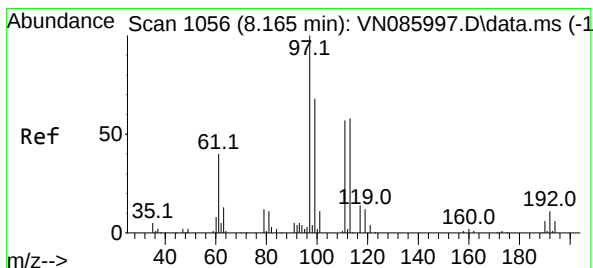
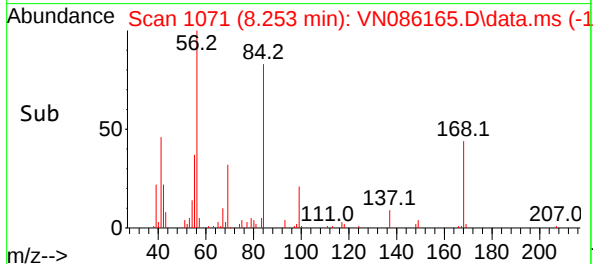
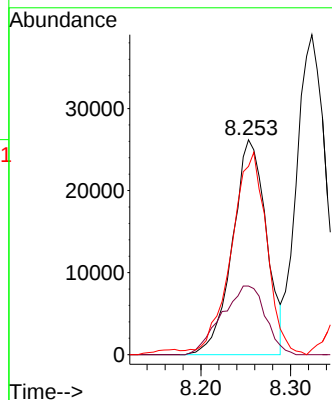
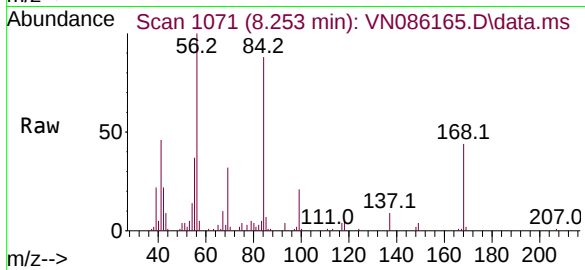
Tgt Ion: 56 Resp: 68805

Ion Ratio Lower Upper

56 100

69 31.9 28.0 42.0

84 85.7 75.0 112.6



#32

1,1,1-Trichloroethane

Concen: 19.734 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

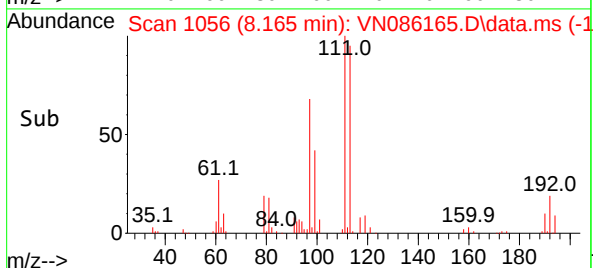
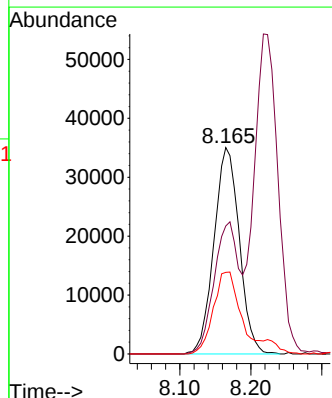
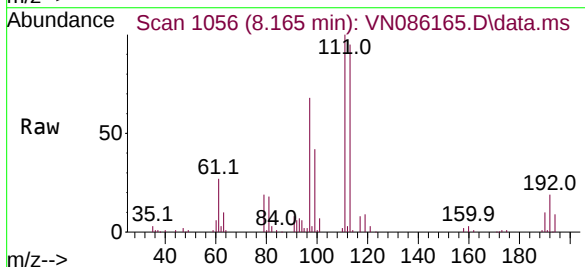
Tgt Ion: 97 Resp: 86622

Ion Ratio Lower Upper

97 100

99 63.0 52.8 79.2

61 46.5 33.6 50.4

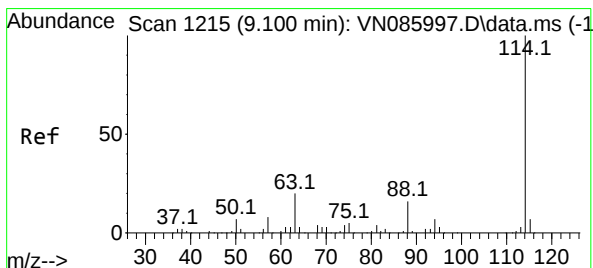
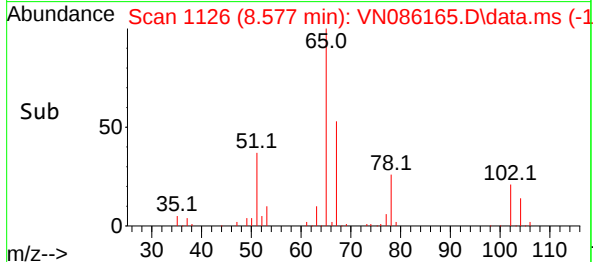
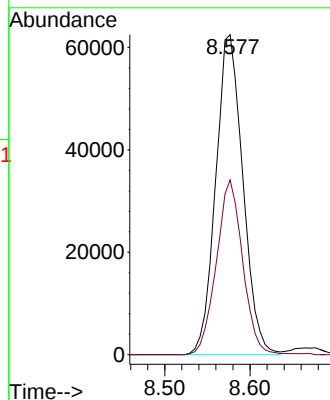
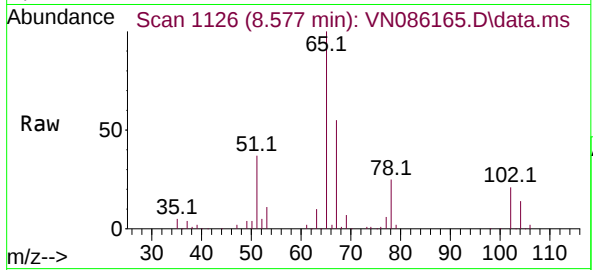




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.235 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: VN086165.D  
 Acq: 28 Mar 2025 21:06

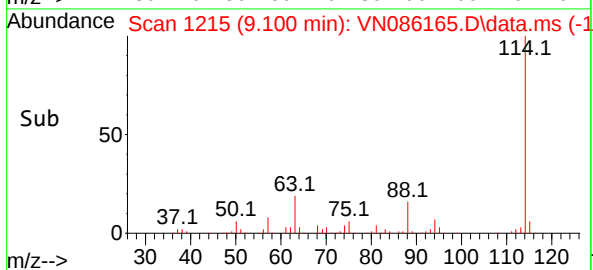
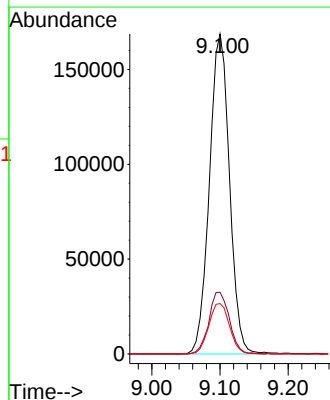
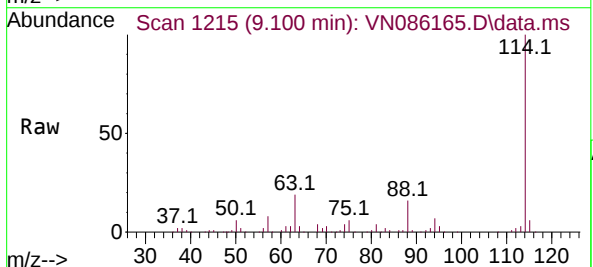
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328MBS01

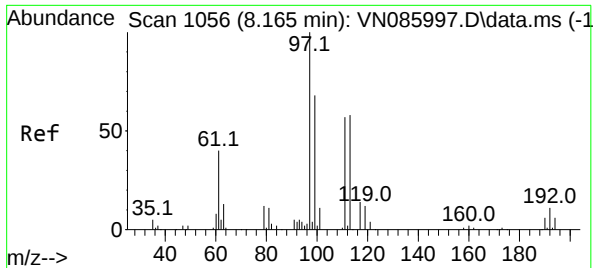
Tgt Ion: 65 Resp: 138349  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 102.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. -0.000 min  
 Lab File: VN086165.D  
 Acq: 28 Mar 2025 21:06

Tgt Ion: 114 Resp: 346170  
 Ion Ratio Lower Upper  
 114 100  
 63 19.3 0.0 39.6  
 88 15.8 0.0 32.6

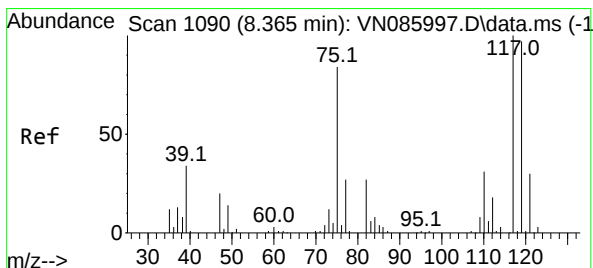
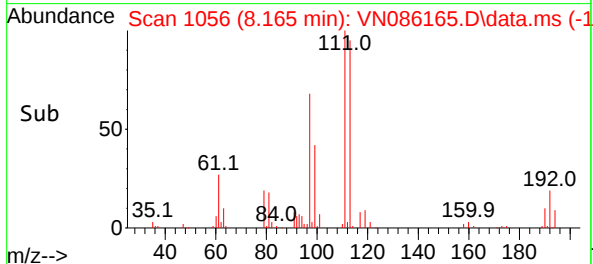
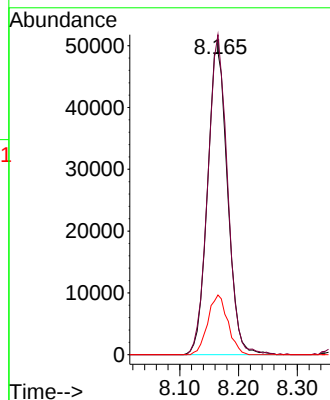
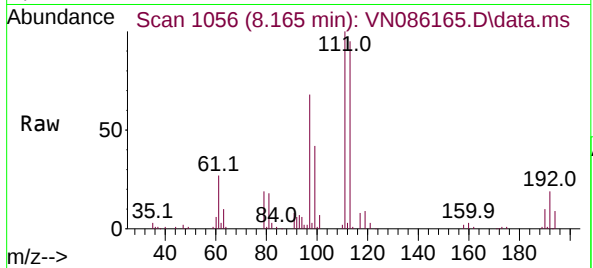




#35  
Dibromofluoromethane  
Concen: 49.042 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

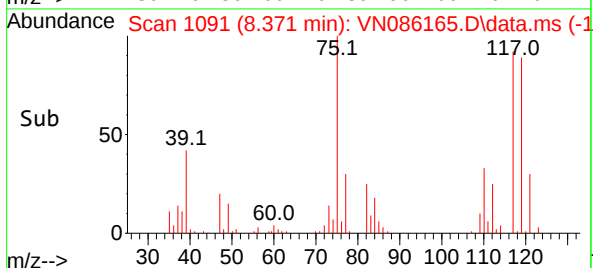
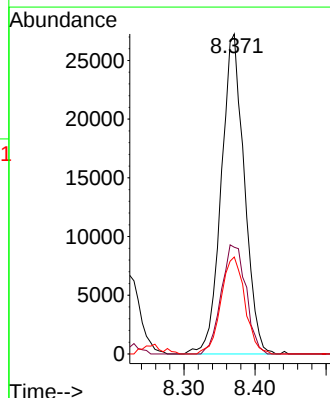
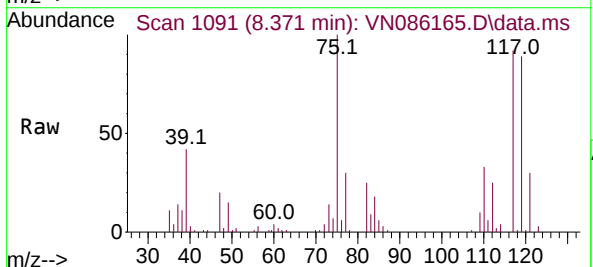
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

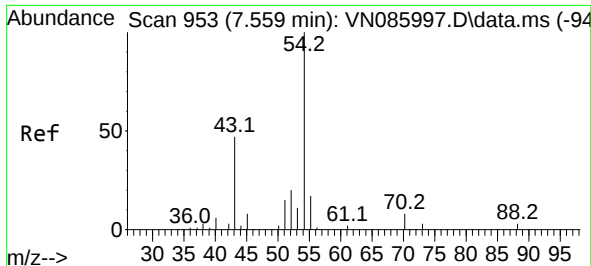
Tgt Ion:113 Resp: 118497  
Ion Ratio Lower Upper  
113 100  
111 101.9 81.8 122.8  
192 19.3 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 19.218 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 75 Resp: 61144  
Ion Ratio Lower Upper  
75 100  
110 36.6 17.8 53.3  
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 19.088 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0328MBS01

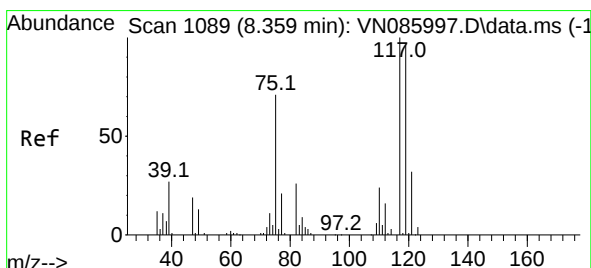
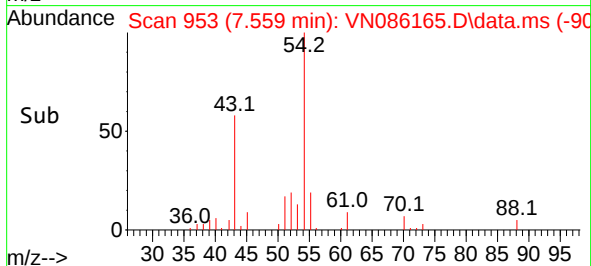
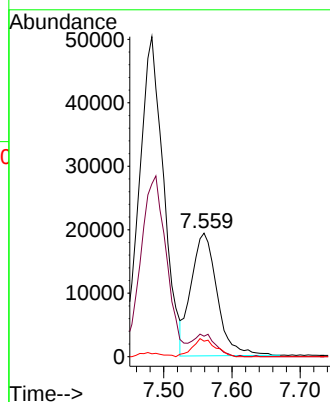
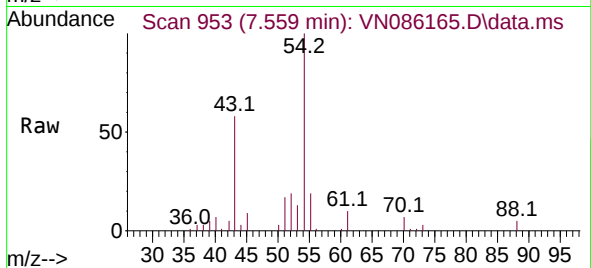
Tgt Ion: 43 Resp: 51233

Ion Ratio Lower Upper

43 100

61 15.5 13.0 19.4

70 12.9 11.0 16.6



#38

Carbon Tetrachloride

Concen: 19.017 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

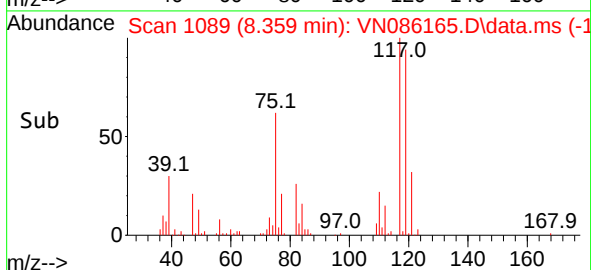
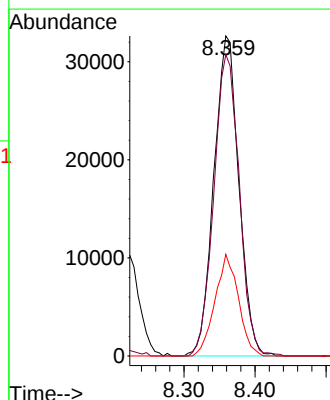
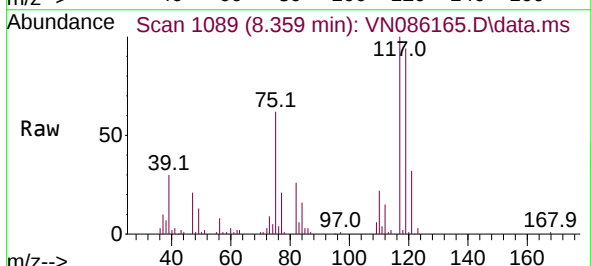
Tgt Ion: 117 Resp: 79553

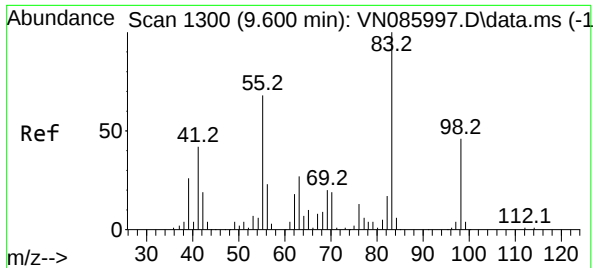
Ion Ratio Lower Upper

117 100

119 94.2 77.0 115.4

121 31.8 25.6 38.4

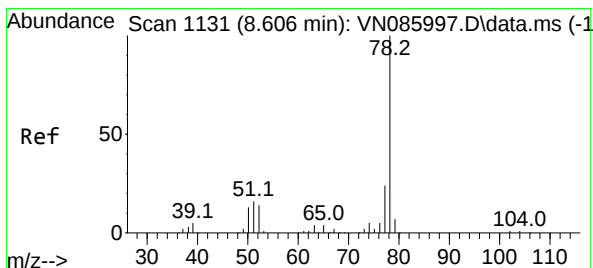
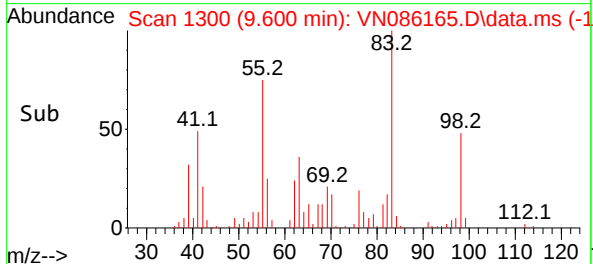
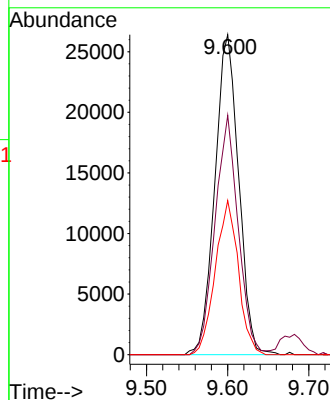
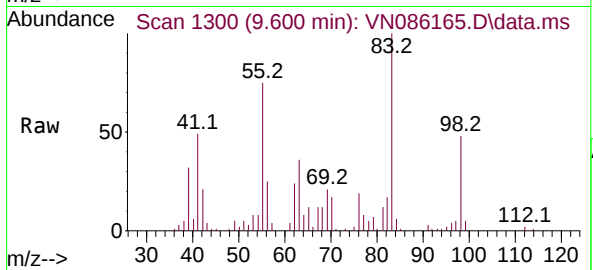




#39  
Methylcyclohexane  
Concen: 17.032 ug/l  
RT: 9.600 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

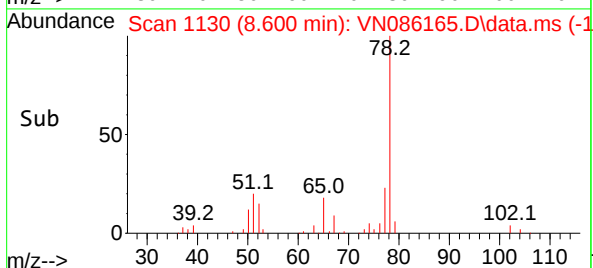
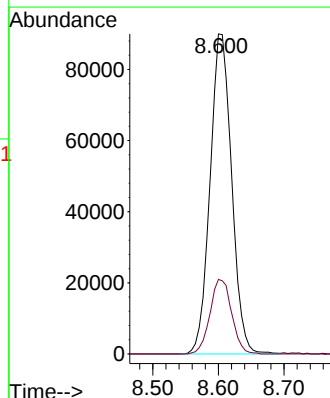
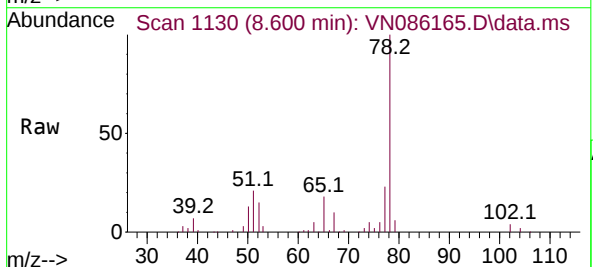
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

Tgt Ion: 83 Resp: 53761  
Ion Ratio Lower Upper  
83 100  
55 74.8 54.2 81.2  
98 48.2 37.1 55.7



#40  
Benzene  
Concen: 20.586 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 78 Resp: 205604  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.9 28.3

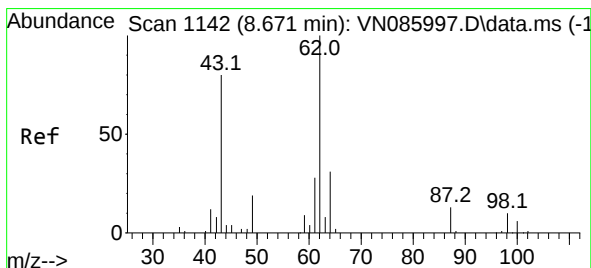
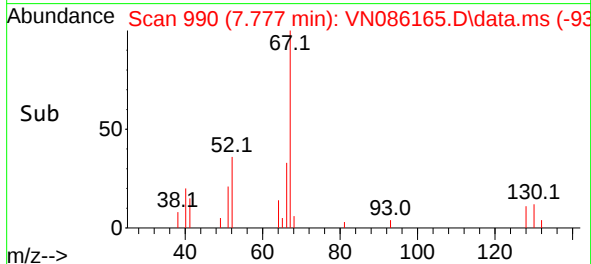
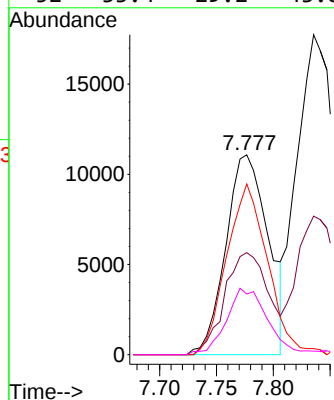
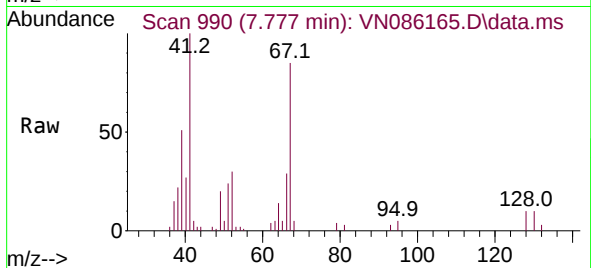




#41  
Methacrylonitrile  
Concen: 22.447 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

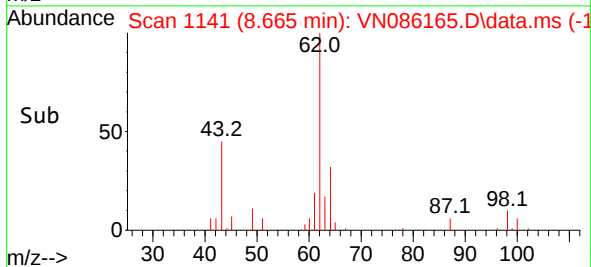
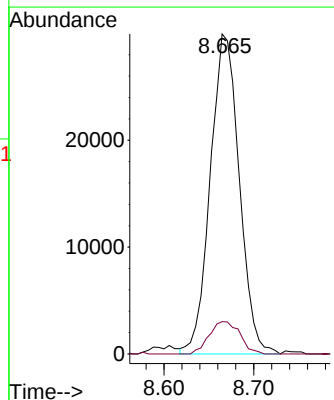
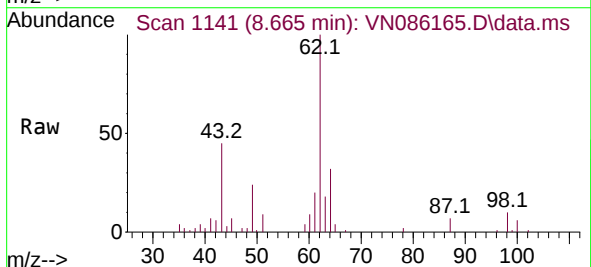
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 28770 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.8  | 46.2  | 69.2  |
| 67       | 82.5  | 75.9  | 113.9 |
| 52       | 33.4  | 29.2  | 43.8  |



#42  
1,2-Dichloroethane  
Concen: 19.310 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 67202 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.7  | 0.0   | 18.6  |





#43

Isopropyl Acetate

Concen: 16.438 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0328MBS01

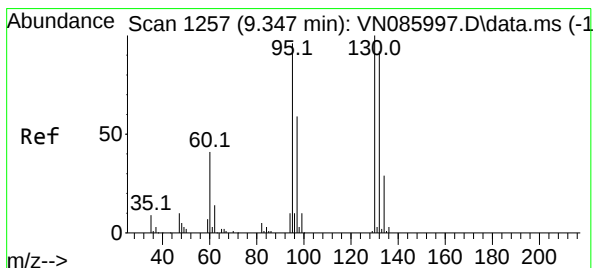
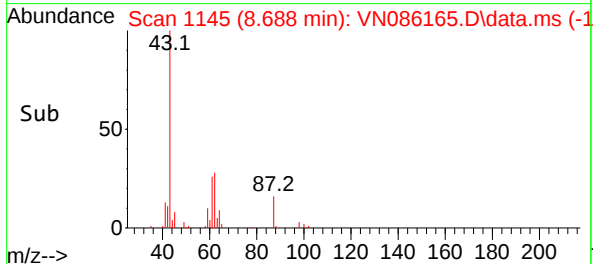
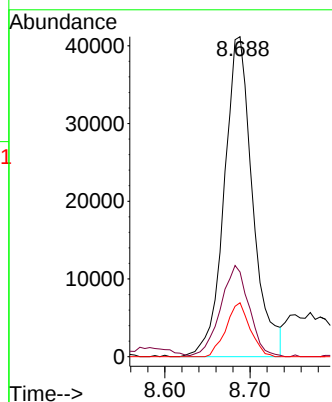
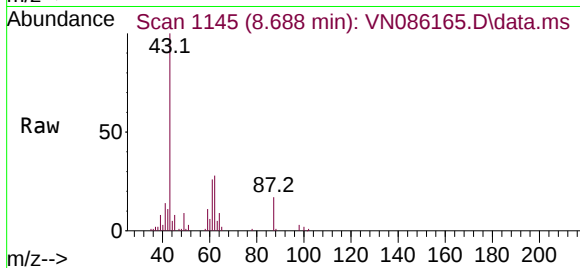
Tgt Ion: 43 Resp: 95606

Ion Ratio Lower Upper

43 100

61 28.6 25.0 37.6

87 14.2 13.0 19.4



#44

Trichloroethene

Concen: 18.883 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN086165.D

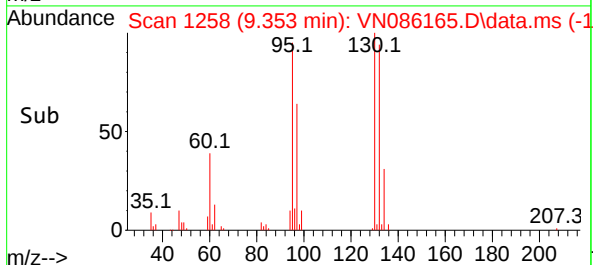
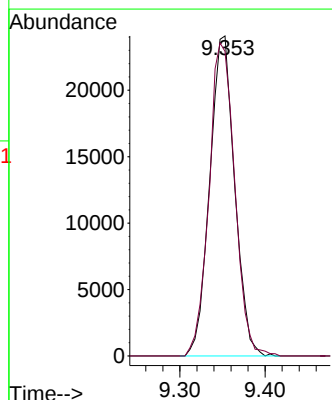
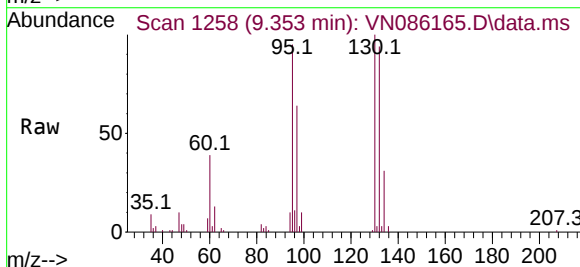
Acq: 28 Mar 2025 21:06

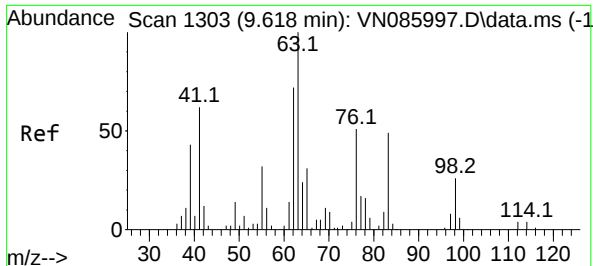
Tgt Ion:130 Resp: 48879

Ion Ratio Lower Upper

130 100

95 95.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 21.946 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

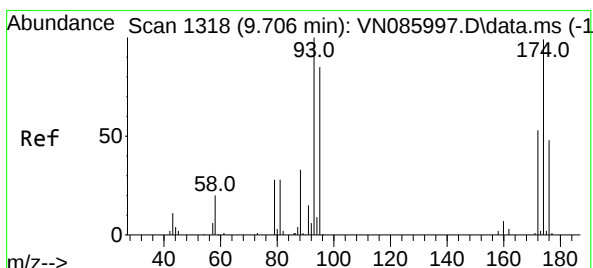
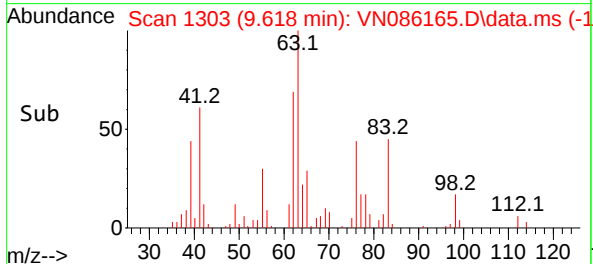
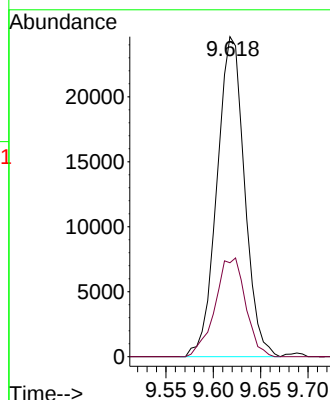
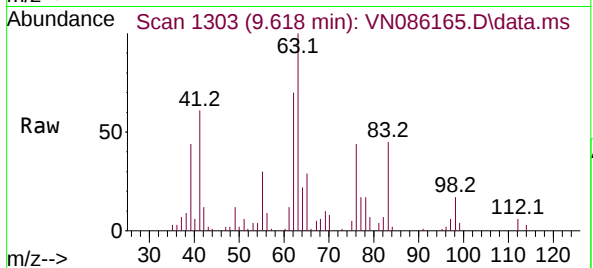
VN0328MBS01

Tgt Ion: 63 Resp: 49853

Ion Ratio Lower Upper

63 100

65 29.4 24.7 37.1



#46

Dibromomethane

Concen: 19.815 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

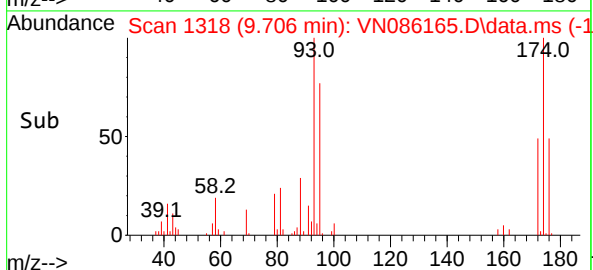
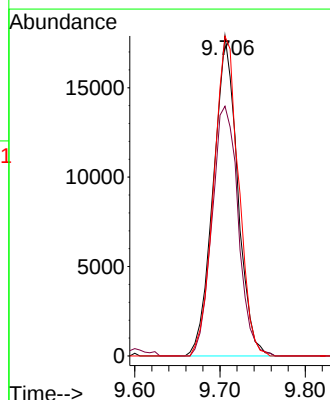
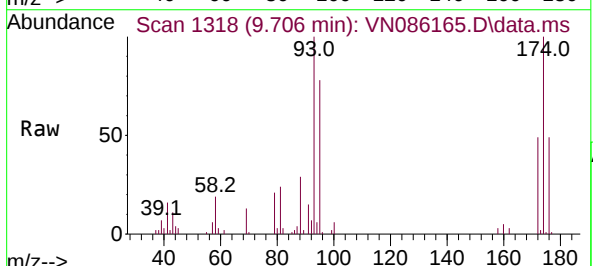
Tgt Ion: 93 Resp: 35400

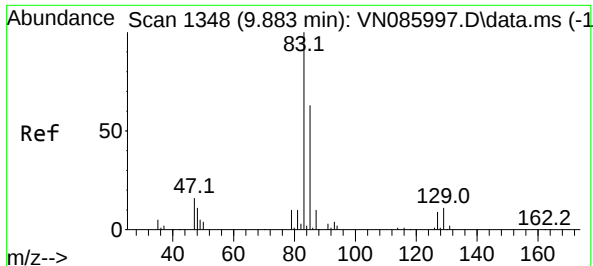
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.2

174 101.6 80.1 120.1

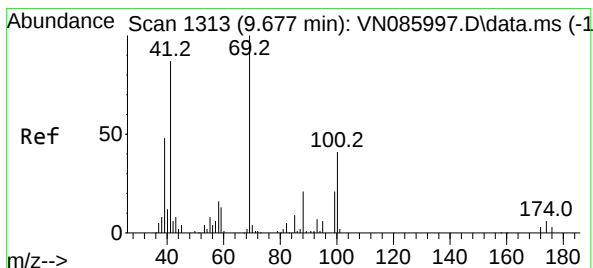
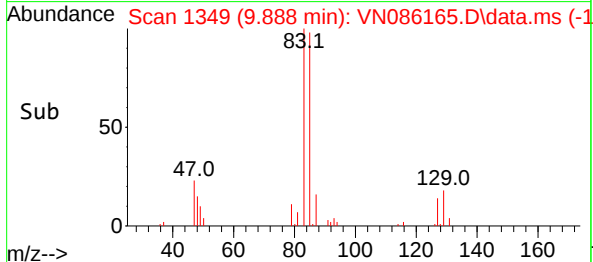
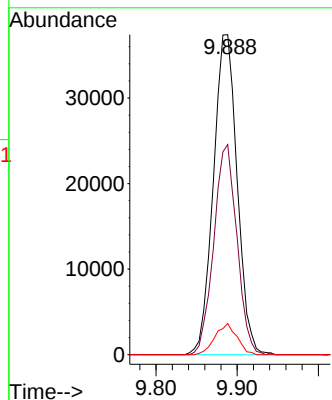
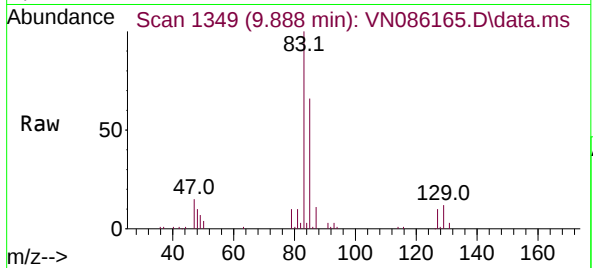




#47  
Bromodichloromethane  
Concen: 20.434 ug/l  
RT: 9.888 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

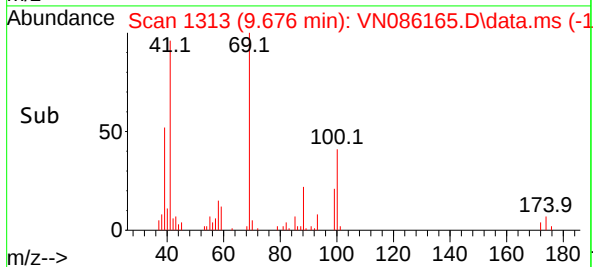
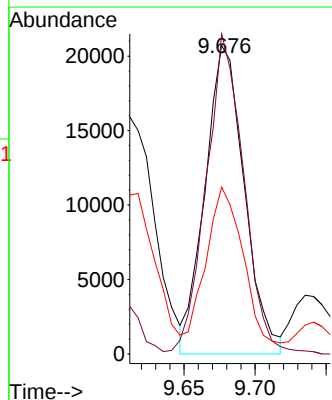
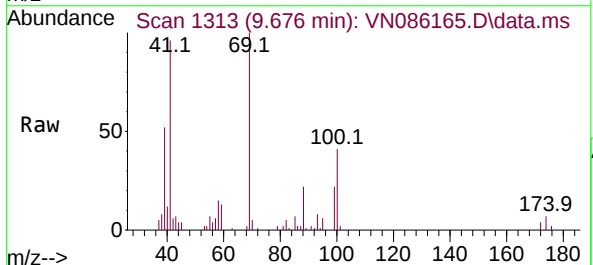
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

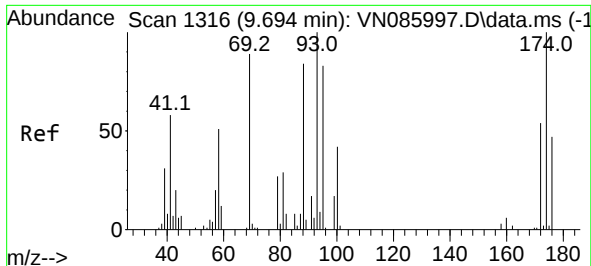
Tgt Ion: 83 Resp: 76296  
Ion Ratio Lower Upper  
83 100  
85 65.6 50.2 75.2  
127 9.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 20.766 ug/l  
RT: 9.676 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 41 Resp: 39857  
Ion Ratio Lower Upper  
41 100  
69 99.3 83.1 124.7  
39 53.8 45.6 68.4





#49

1,4-Dioxane

Concen: 399.498 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0328MBS01

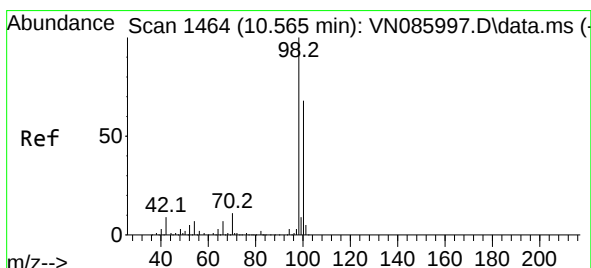
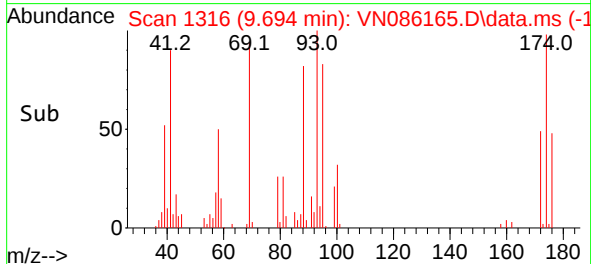
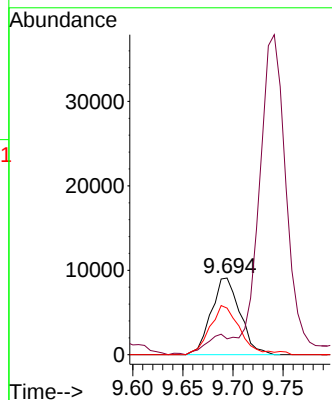
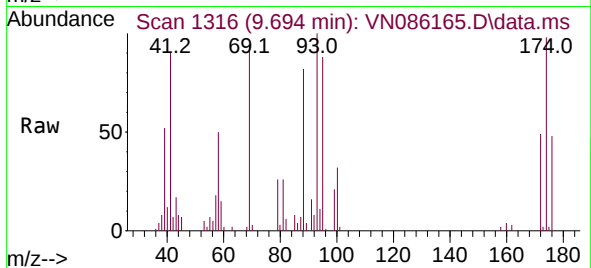
Tgt Ion: 88 Resp: 18126

Ion Ratio Lower Upper

88 100

43 20.3 21.7 32.5#

58 67.6 50.4 75.6



#50

Toluene-d8

Concen: 49.332 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086165.D

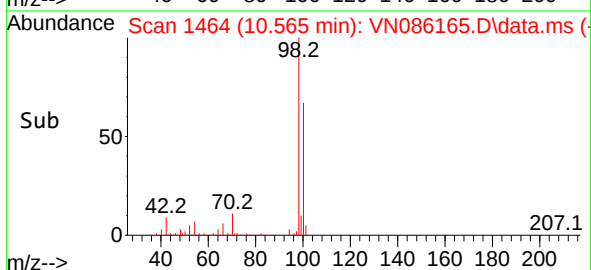
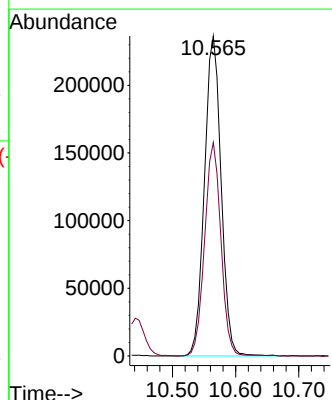
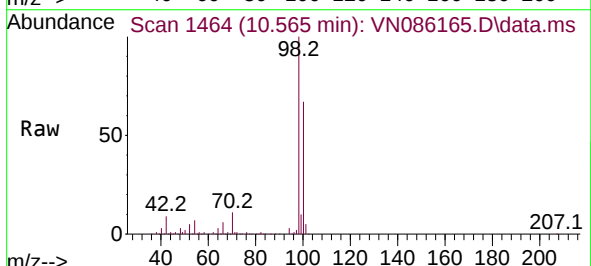
Acq: 28 Mar 2025 21:06

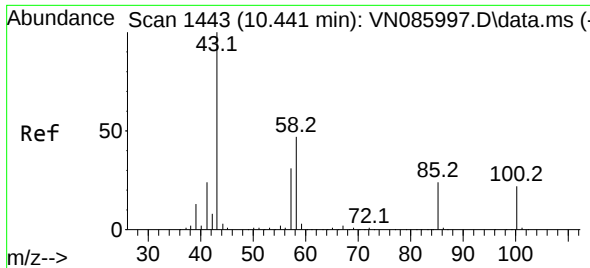
Tgt Ion: 98 Resp: 432605

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7

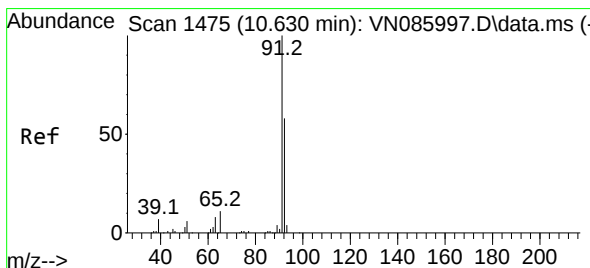
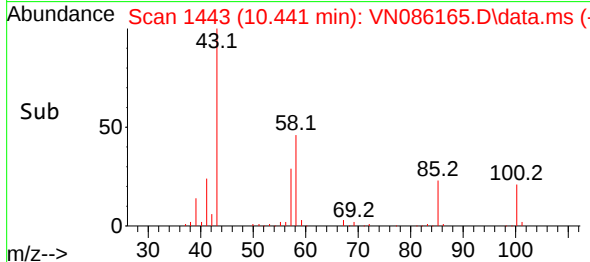
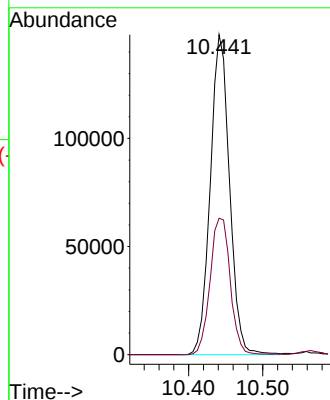
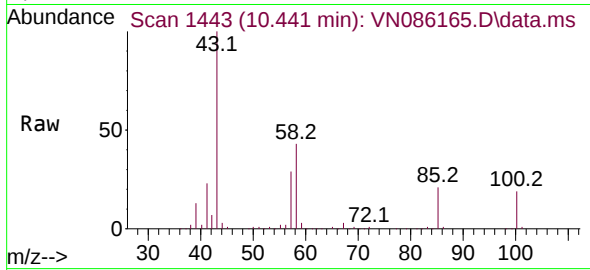




#51  
4-Methyl-2-Pentanone  
Concen: 104.028 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

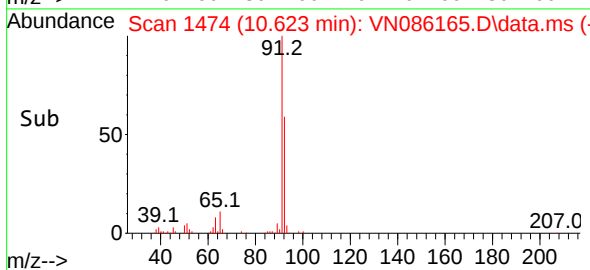
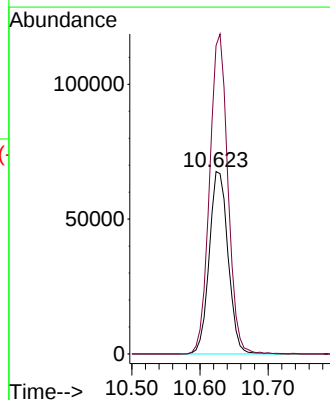
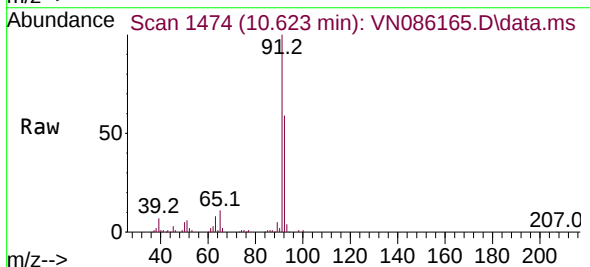
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

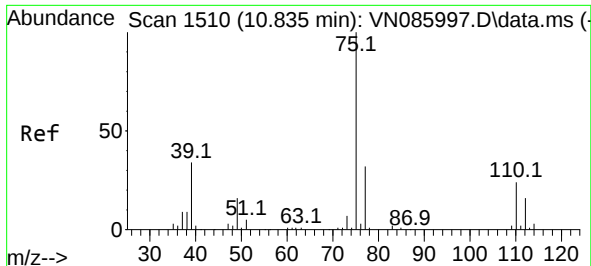
Tgt Ion: 43 Resp: 266845  
Ion Ratio Lower Upper  
43 100  
58 44.8 37.4 56.0



#52  
Toluene  
Concen: 21.188 ug/l  
RT: 10.623 min Scan# 1474  
Delta R.T. -0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 92 Resp: 129884  
Ion Ratio Lower Upper  
92 100  
91 170.7 136.2 204.4

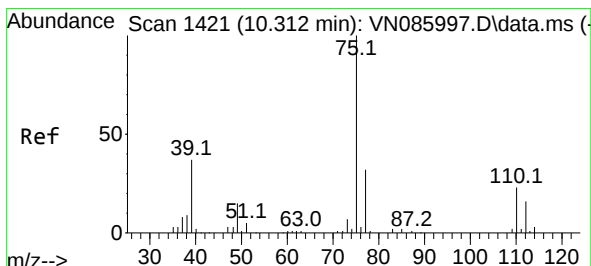
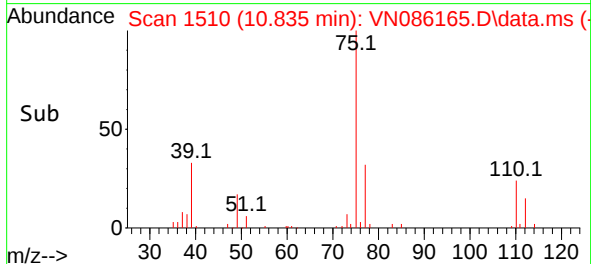
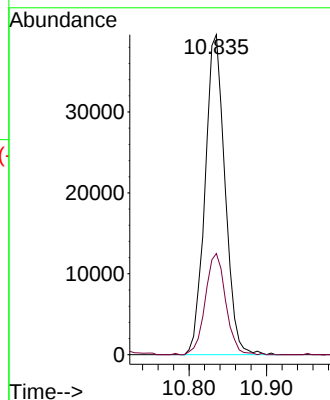
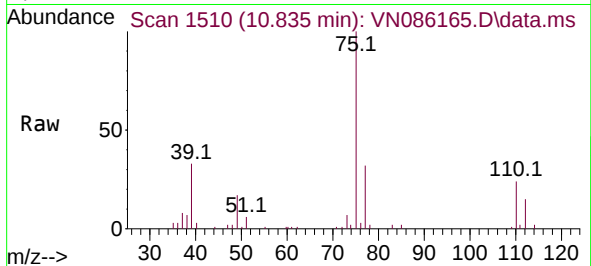




#53  
t-1,3-Dichloropropene  
Concen: 19.489 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

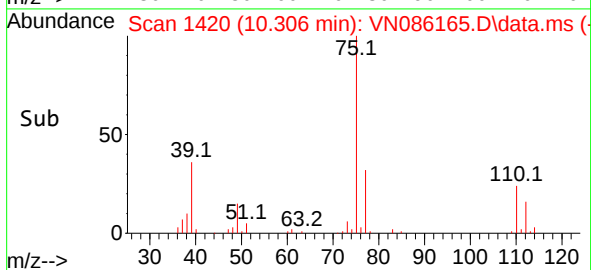
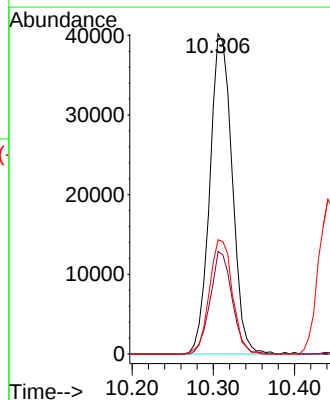
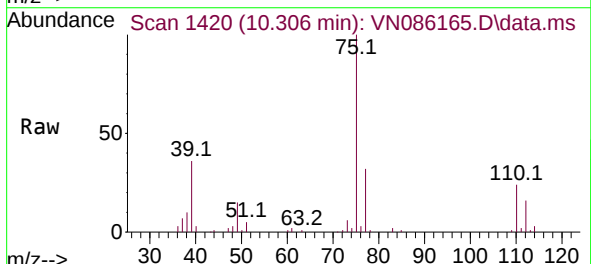
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

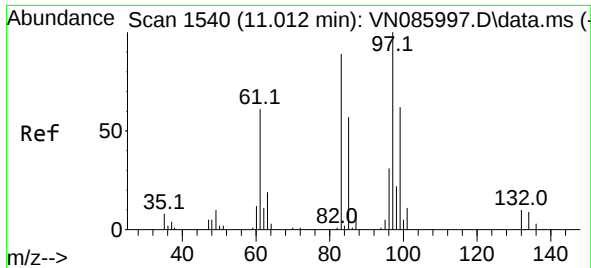
Tgt Ion: 75 Resp: 70669  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.3 37.9



#54  
cis-1,3-Dichloropropene  
Concen: 20.065 ug/l  
RT: 10.306 min Scan# 1420  
Delta R.T. -0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 75 Resp: 76762  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.3 37.9  
39 35.7 29.6 44.4

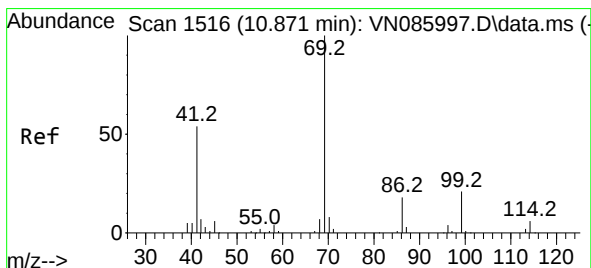
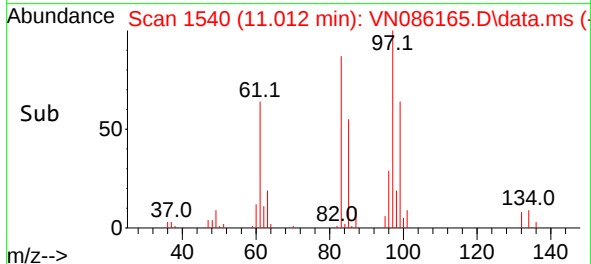
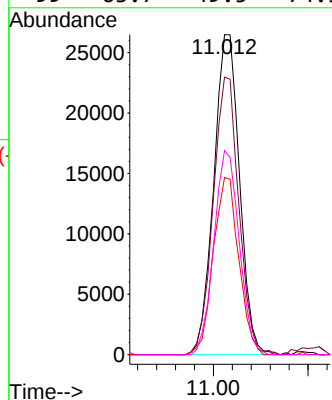
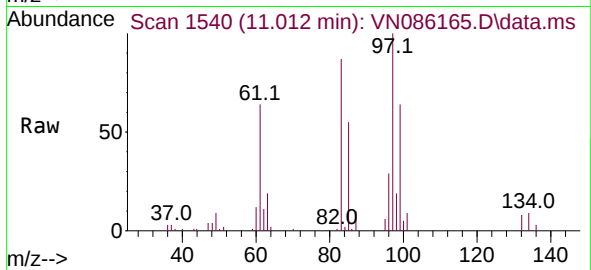




#55  
1,1,2-Trichloroethane  
Concen: 21.391 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

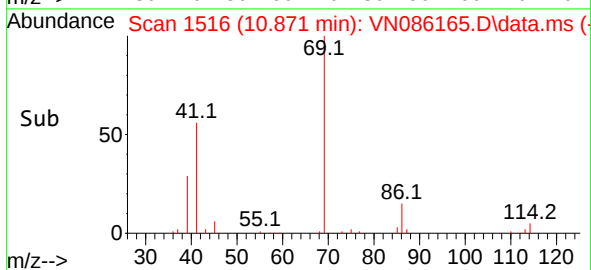
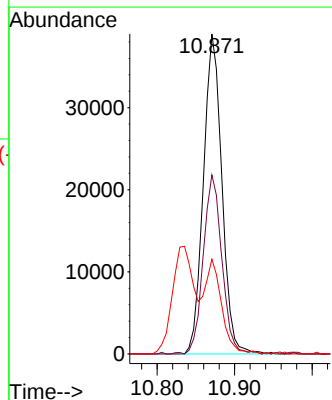
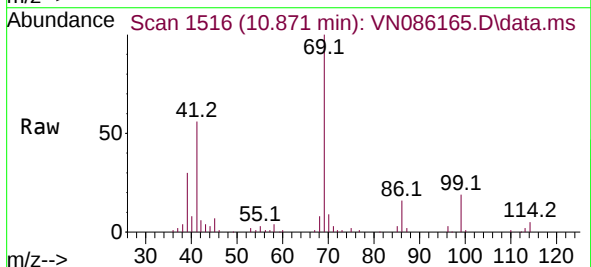
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

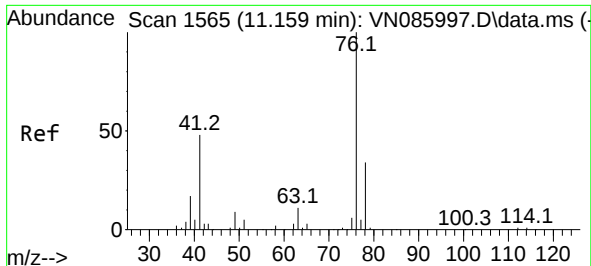
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 50048 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.7  | 71.2  | 106.8 |
| 85       | 55.3  | 45.4  | 68.0  |
| 99       | 63.7  | 49.5  | 74.3  |



#56  
Ethyl methacrylate  
Concen: 20.175 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.001 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 64572 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 56.4  | 41.6  | 62.4  |
| 39       | 28.1  | 21.8  | 32.8  |

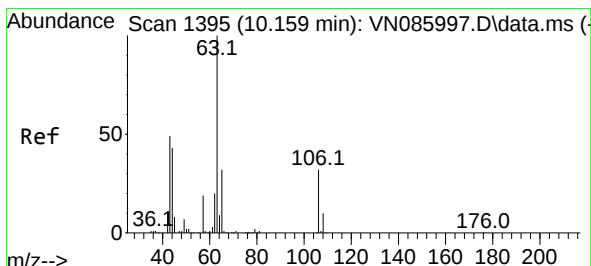
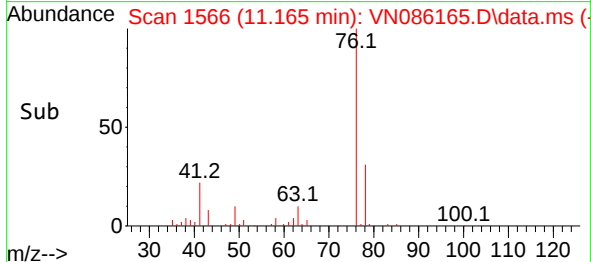
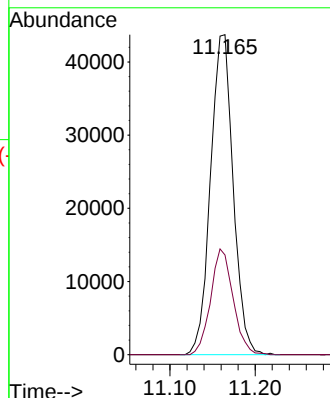
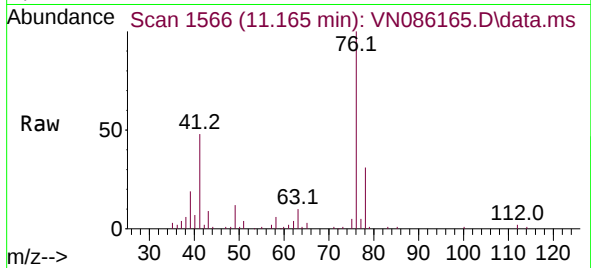




#57  
1,3-Dichloropropane  
Concen: 20.308 ug/l  
RT: 11.165 min Scan# 11165  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

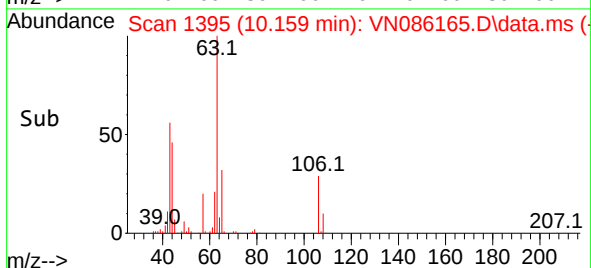
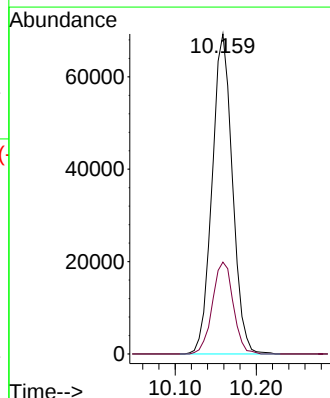
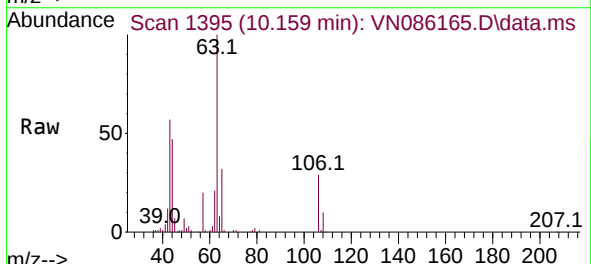
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

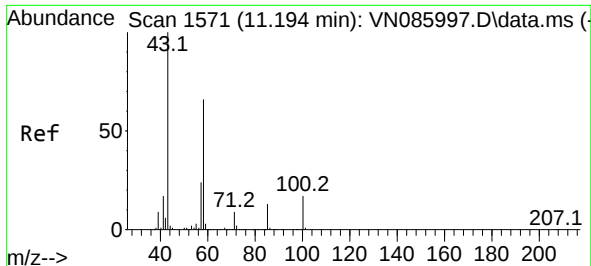
Tgt Ion: 76 Resp: 80703  
Ion Ratio Lower Upper  
76 100  
78 32.8 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 99.892 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 63 Resp: 120439  
Ion Ratio Lower Upper  
63 100  
106 29.4 25.0 37.6

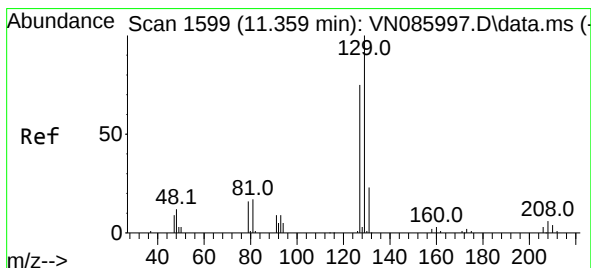
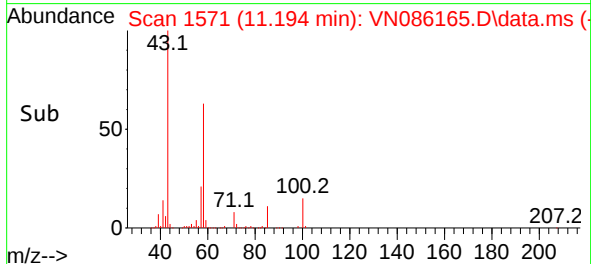
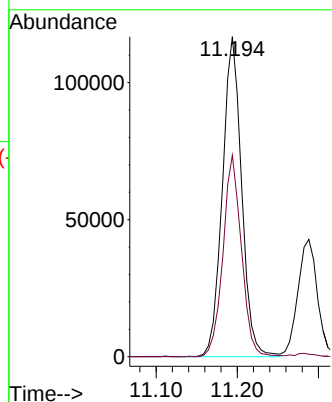
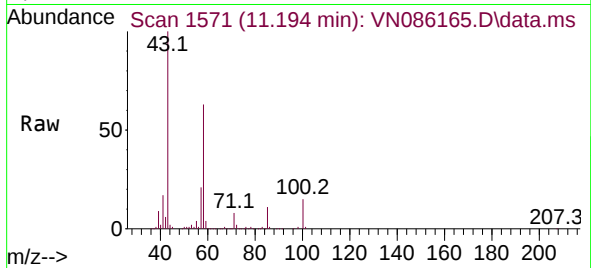




#59  
2-Hexanone  
Concen: 102.747 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

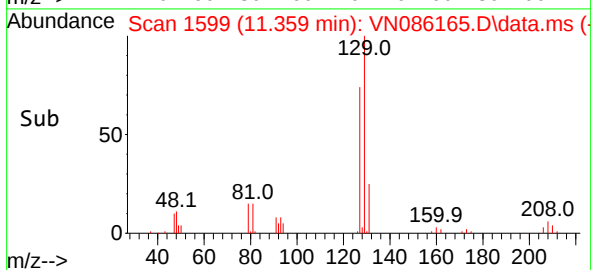
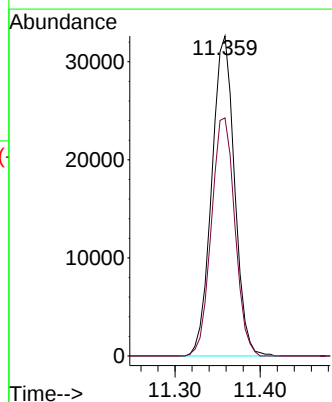
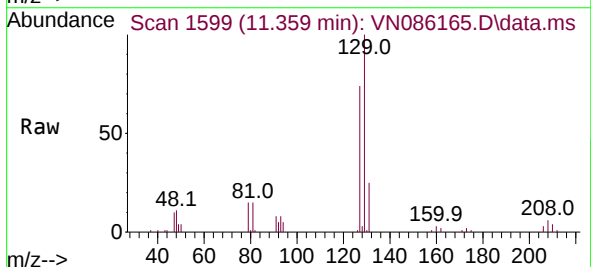
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

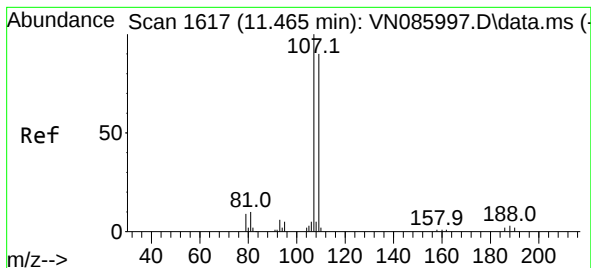
Tgt Ion: 43 Resp: 192001  
Ion Ratio Lower Upper  
43 100  
58 60.5 32.4 97.2



#60  
Dibromochloromethane  
Concen: 20.048 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion:129 Resp: 60527  
Ion Ratio Lower Upper  
129 100  
127 76.7 37.8 113.4

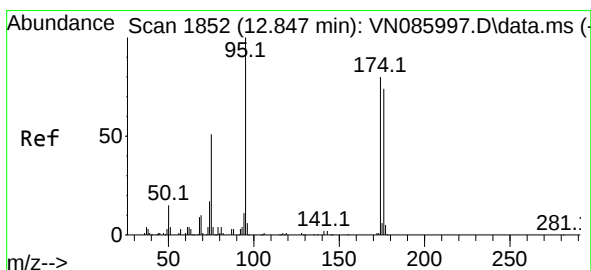
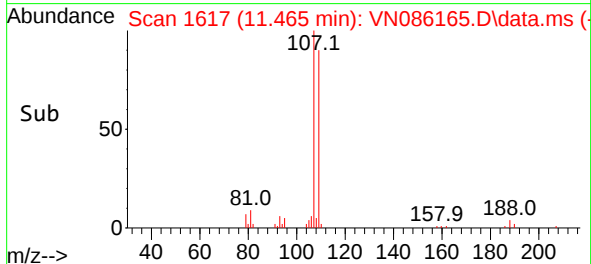
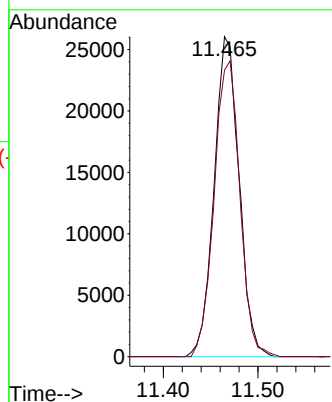
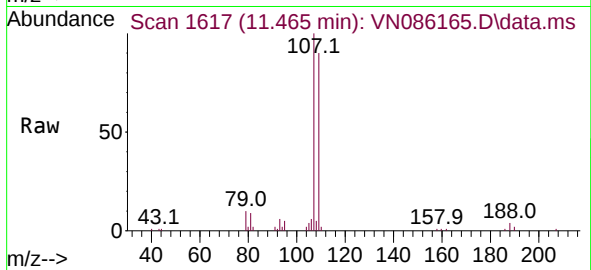




#61  
1,2-Dibromoethane  
Concen: 19.874 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

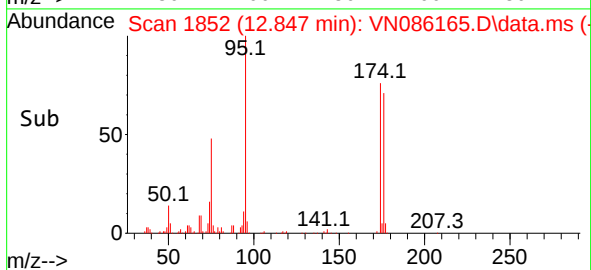
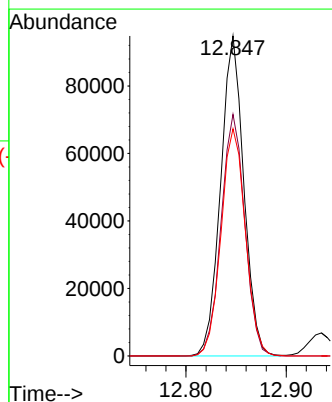
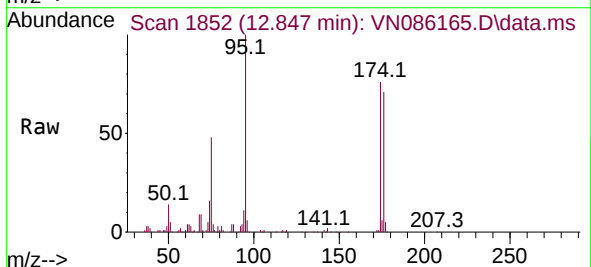
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MSVOA\_N  
ClientSampleId :  
VN0328MBS01

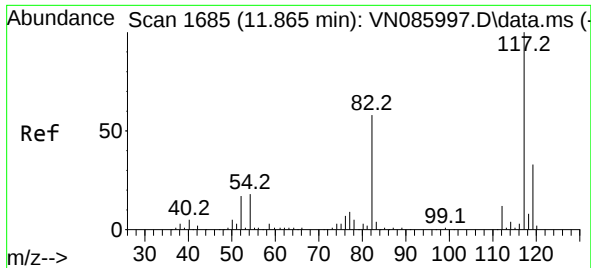
Tgt Ion:107 Resp: 47736  
Ion Ratio Lower Upper  
107 100  
109 95.3 73.3 109.9



#62  
4-Bromofluorobenzene  
Concen: 48.651 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 95 Resp: 152149  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 156.8  
176 74.4 0.0 152.2

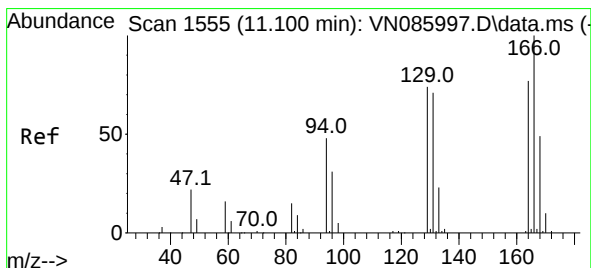
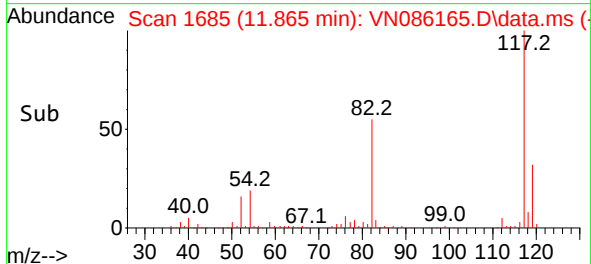
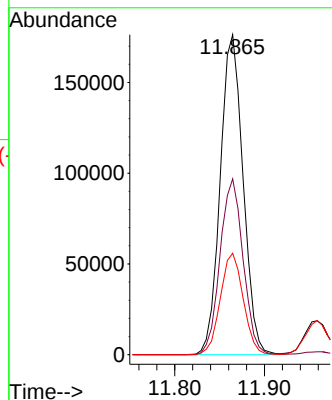
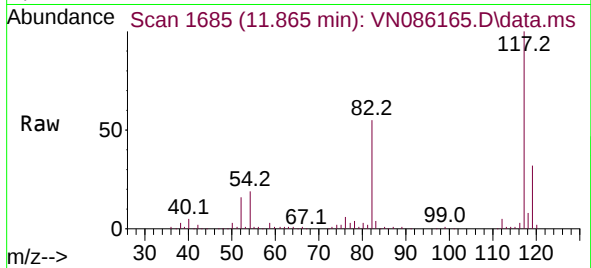




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

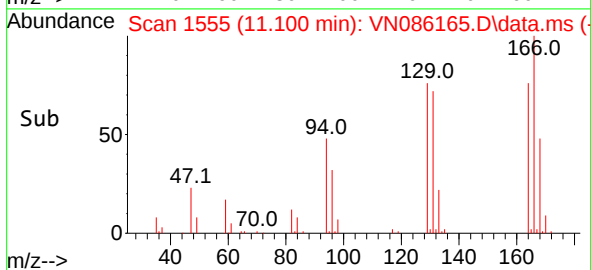
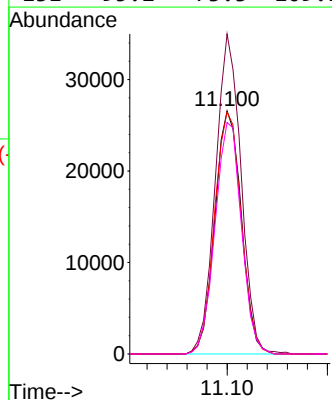
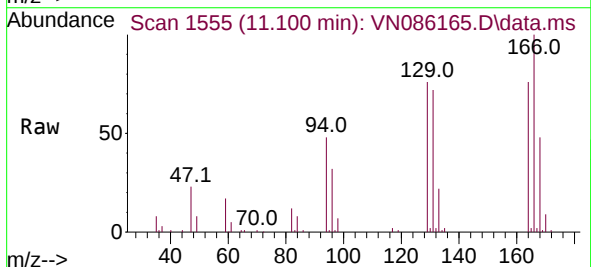
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

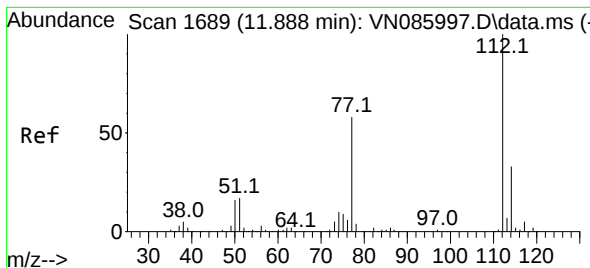
Tgt Ion:117 Resp: 311874  
Ion Ratio Lower Upper  
117 100  
82 54.9 46.7 70.1  
119 31.7 26.5 39.7



#64  
Tetrachloroethene  
Concen: 19.590 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion:164 Resp: 48737  
Ion Ratio Lower Upper  
164 100  
166 131.6 103.7 155.5  
129 99.6 77.1 115.7  
131 95.2 73.3 109.9

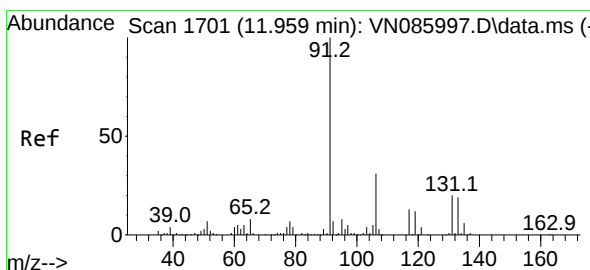
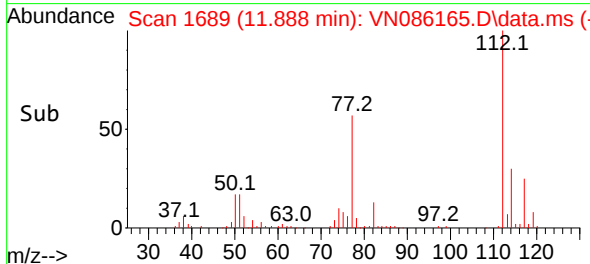
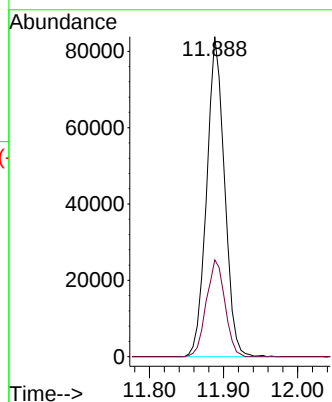
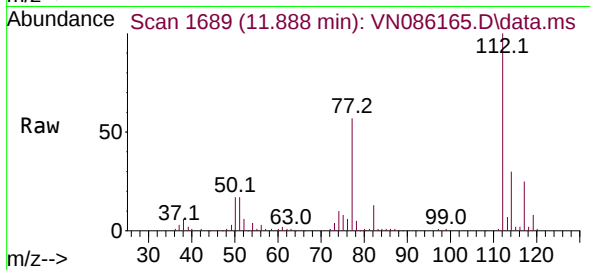




#65  
Chlorobenzene  
Concen: 19.656 ug/l  
RT: 11.888 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

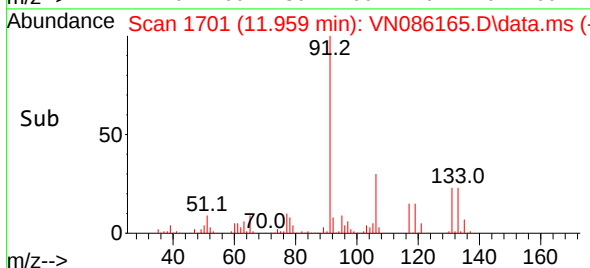
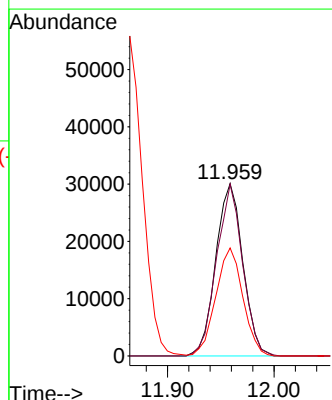
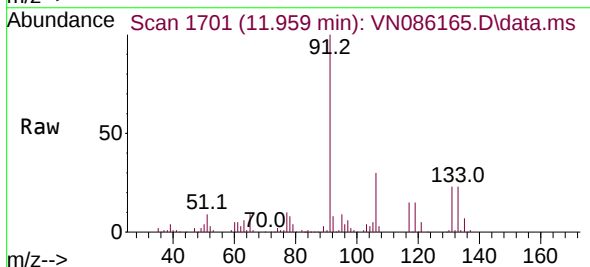
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

Tgt Ion:112 Resp: 140275  
Ion Ratio Lower Upper  
112 100  
114 30.3 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.997 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion:131 Resp: 53050  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.0 141.0  
119 62.9 31.4 94.0

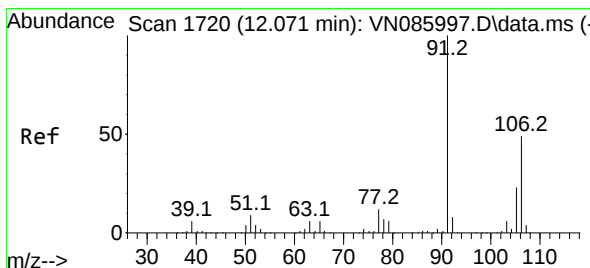
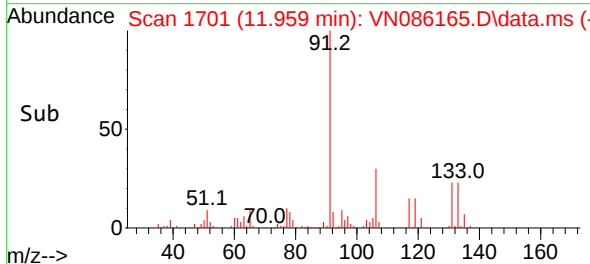
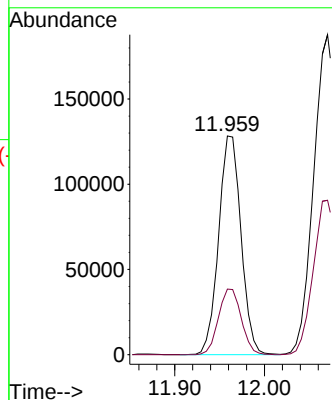
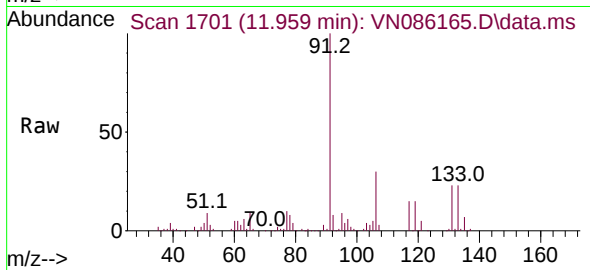




#67  
Ethyl Benzene  
Concen: 19.504 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

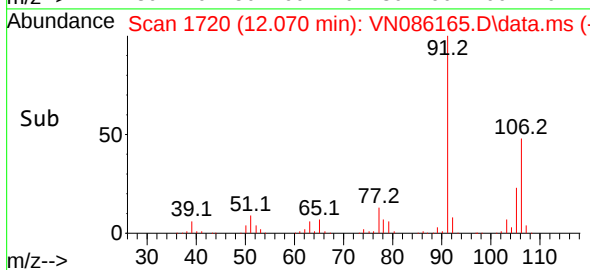
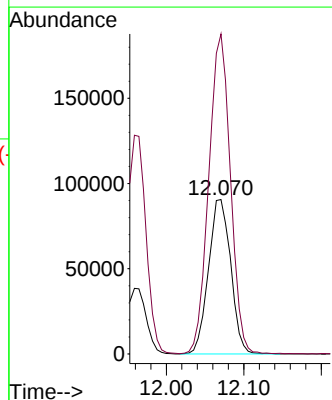
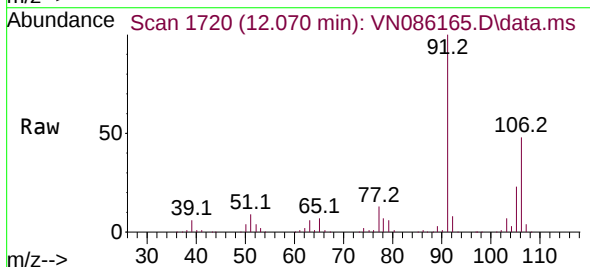
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

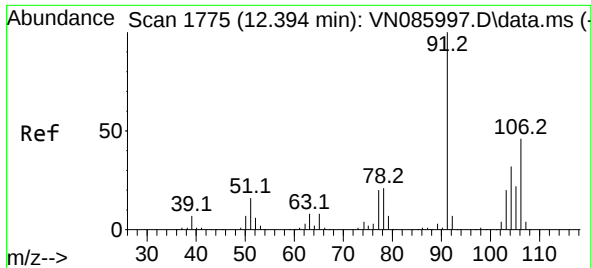
Tgt Ion: 91 Resp: 222657  
Ion Ratio Lower Upper  
91 100  
106 30.0 24.5 36.7



#68  
m/p-Xylenes  
Concen: 40.246 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion:106 Resp: 180579  
Ion Ratio Lower Upper  
106 100  
91 201.5 163.9 245.9

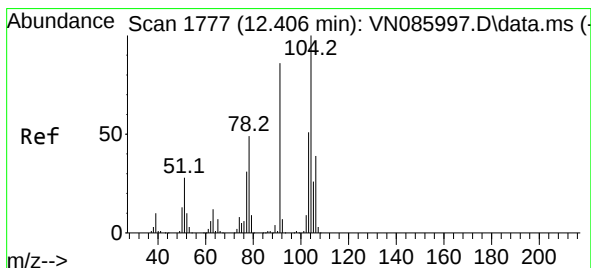
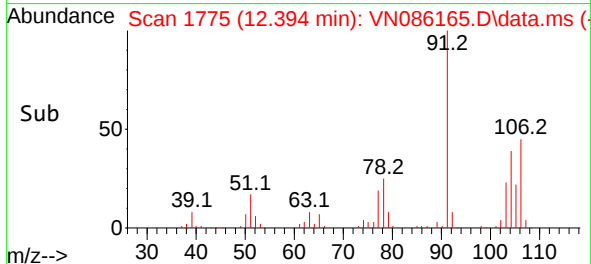
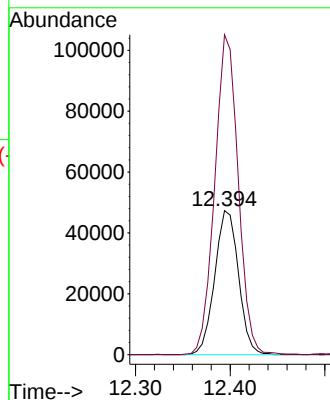
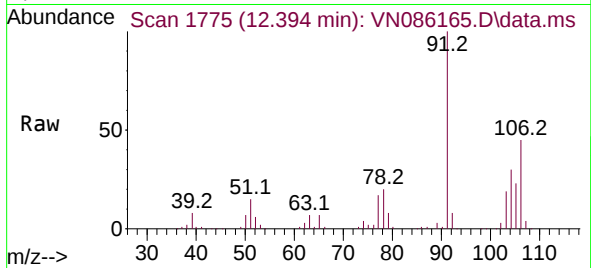




#69  
o-Xylene  
Concen: 20.052 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

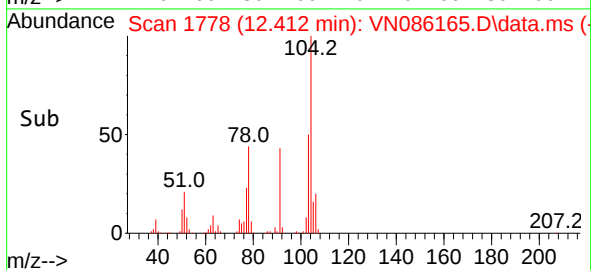
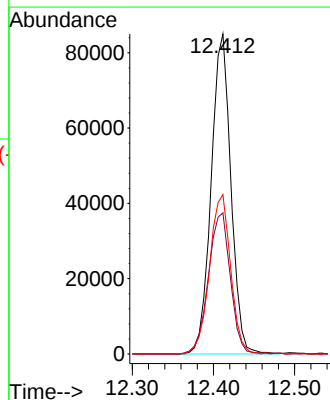
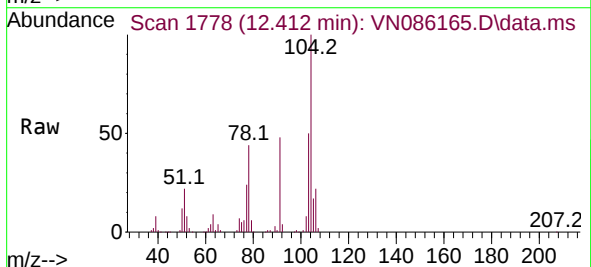
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

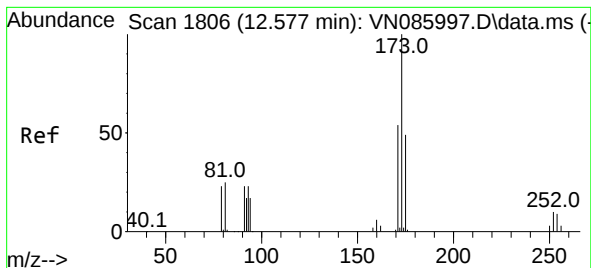
Tgt Ion:106 Resp: 82577  
Ion Ratio Lower Upper  
106 100  
91 219.6 109.1 327.2



#70  
Styrene  
Concen: 20.383 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.006 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion:104 Resp: 143375  
Ion Ratio Lower Upper  
104 100  
78 49.1 41.4 62.2  
103 53.3 42.9 64.3





#71

Bromoform

Concen: 18.366 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0328MBS01

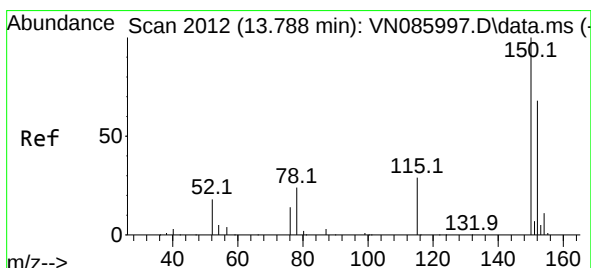
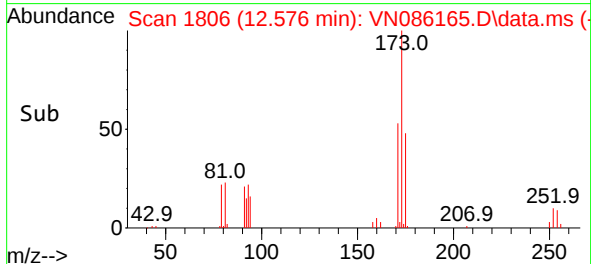
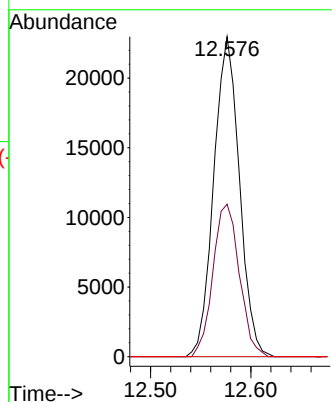
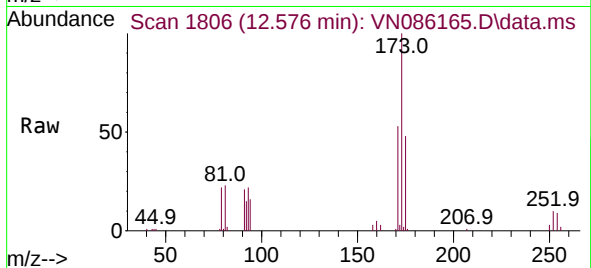
Tgt Ion:173 Resp: 40730

Ion Ratio Lower Upper

173 100

175 49.1 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

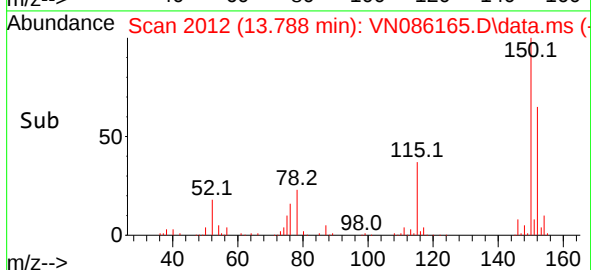
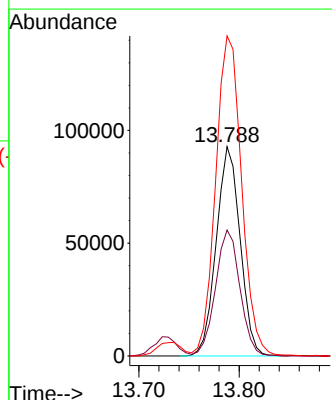
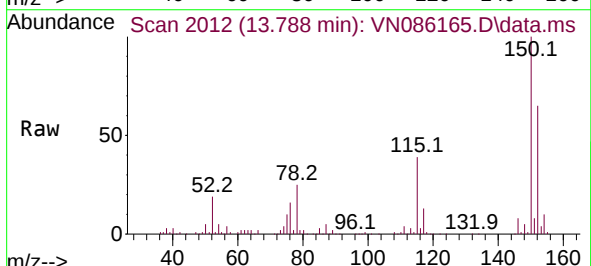
Tgt Ion:152 Resp: 153431

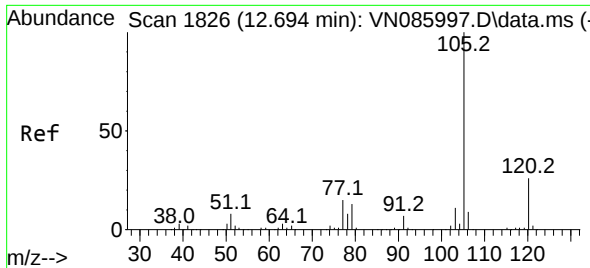
Ion Ratio Lower Upper

152 100

115 61.6 31.1 93.2

150 166.2 0.0 359.6

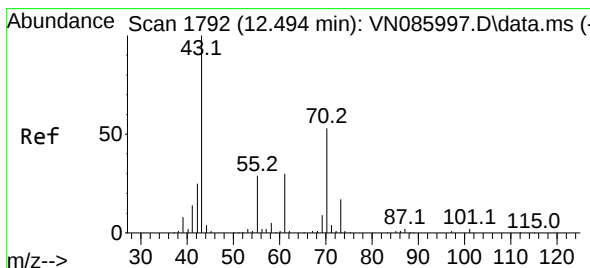
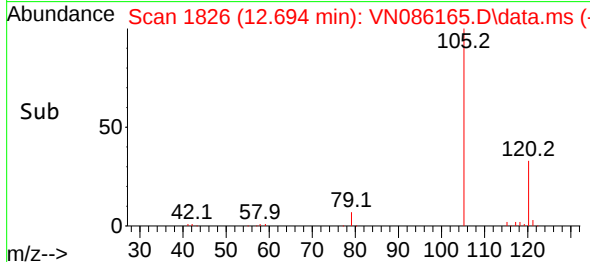
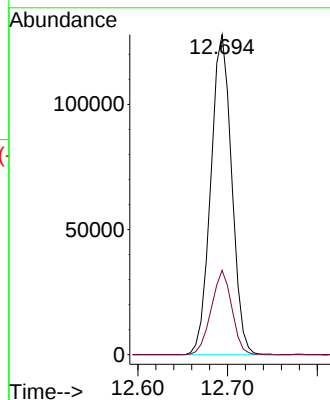
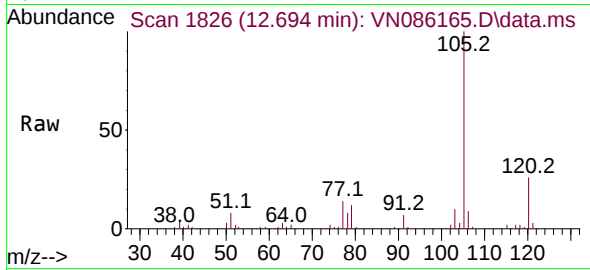




#73  
Isopropylbenzene  
Concen: 19.742 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

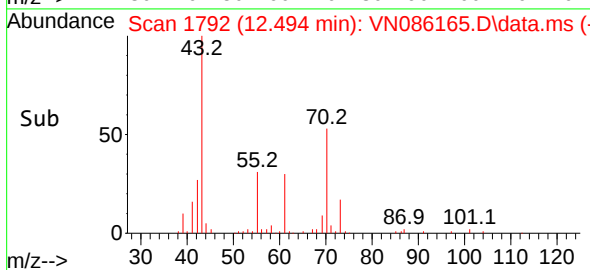
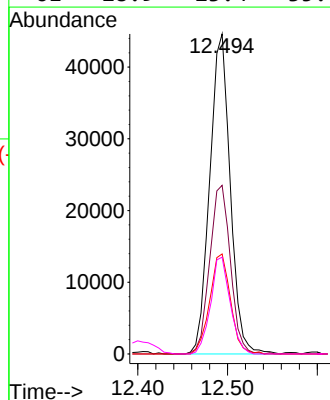
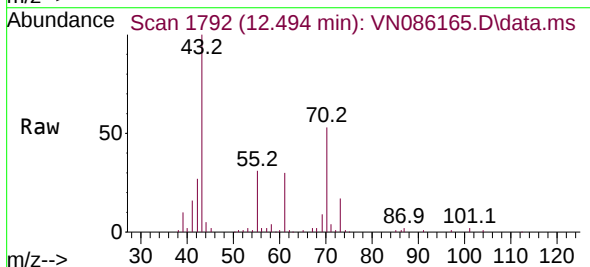
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ClientSampleId :  
VN0328MBS01

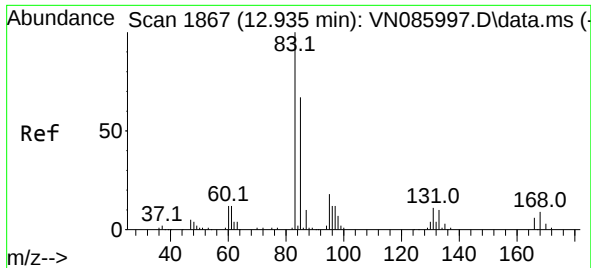
Tgt Ion:105 Resp: 206853  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.0 39.0



#74  
N-ethyl acetate  
Concen: 20.177 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 43 Resp: 70731  
Ion Ratio Lower Upper  
43 100  
70 53.4 43.0 64.4  
55 31.7 23.8 35.8  
61 28.9 23.4 35.0

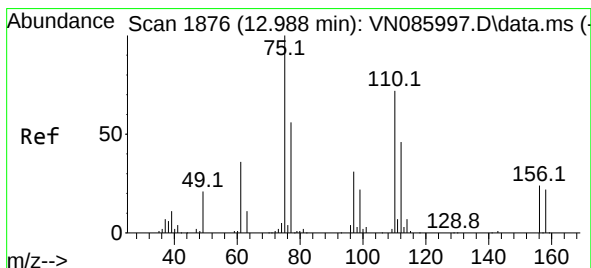
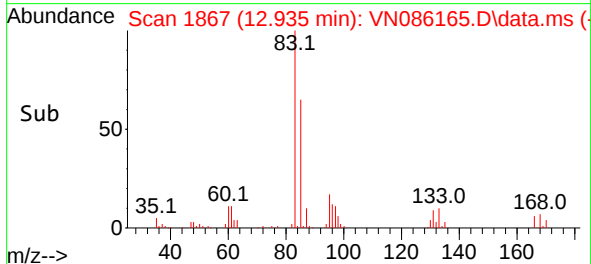
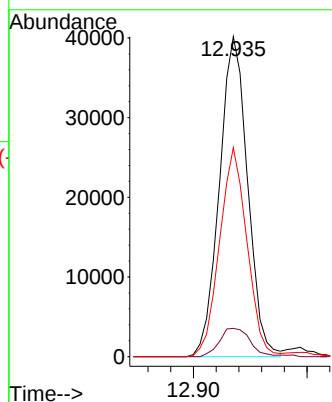
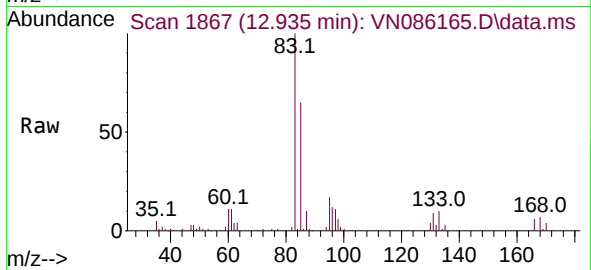




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.534 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

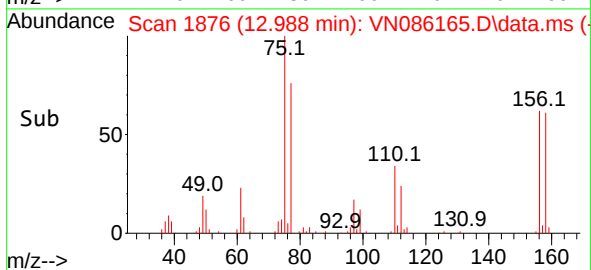
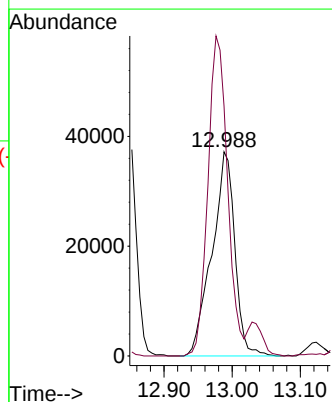
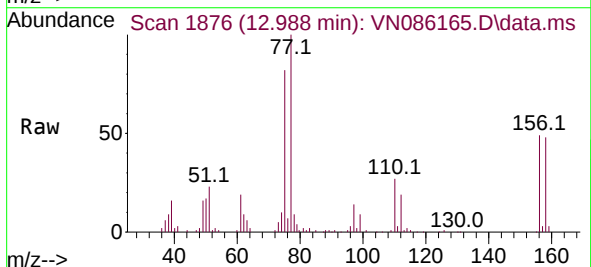
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

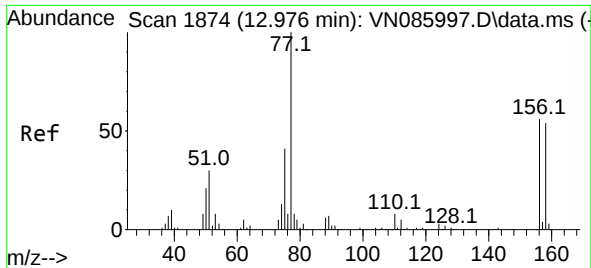
Tgt Ion: 83 Resp: 69241  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.5 16.5  
85 63.5 32.6 97.8



#76  
1,2,3-Trichloropropane  
Concen: 25.331 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 75 Resp: 87014  
Ion Ratio Lower Upper  
75 100  
77 134.8 83.7 251.0

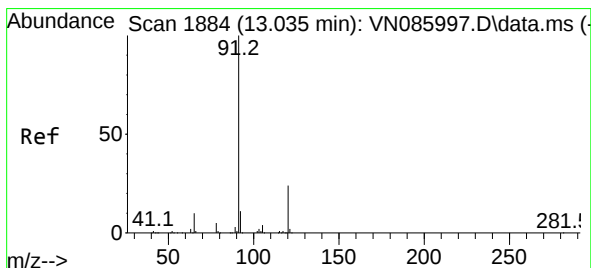
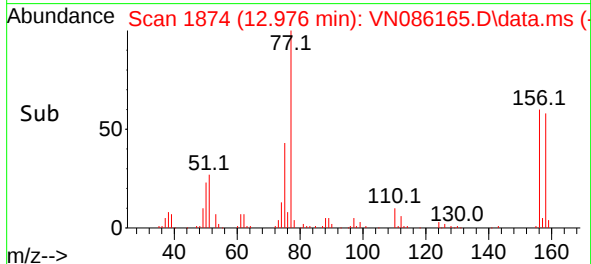
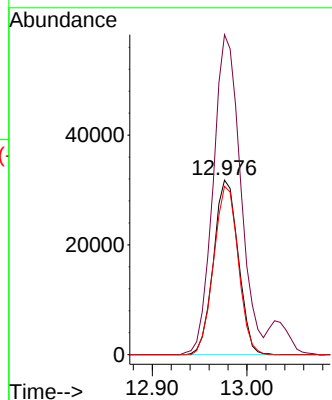
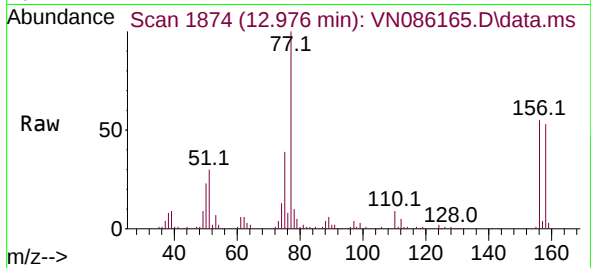




#77  
Bromobenzene  
Concen: 19.768 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

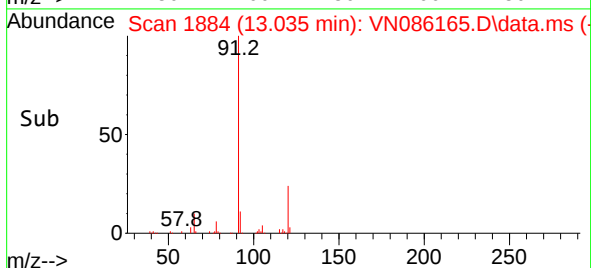
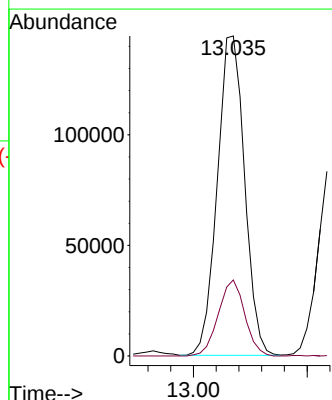
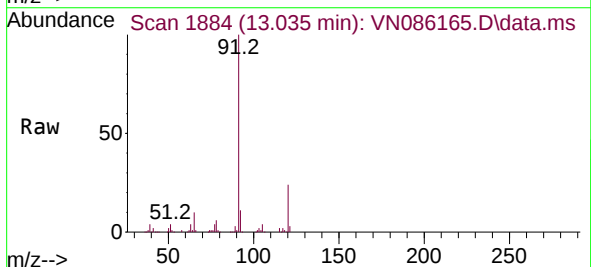
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

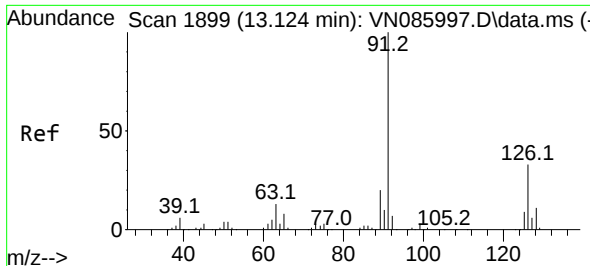
Tgt Ion:156 Resp: 57752  
Ion Ratio Lower Upper  
156 100  
77 203.1 104.1 312.3  
158 95.7 49.0 147.0



#78  
n-propylbenzene  
Concen: 20.295 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 91 Resp: 240792  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.7 35.0

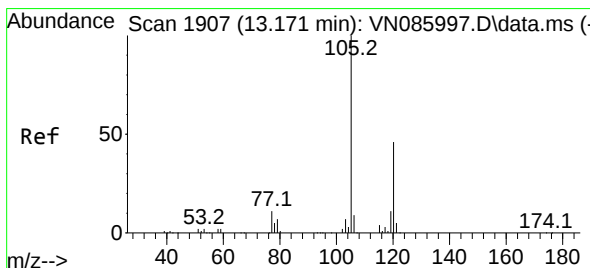
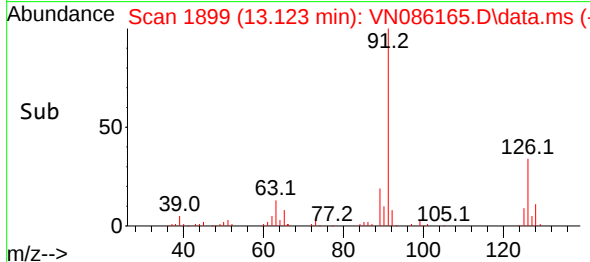
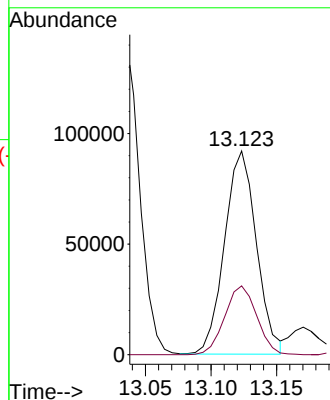
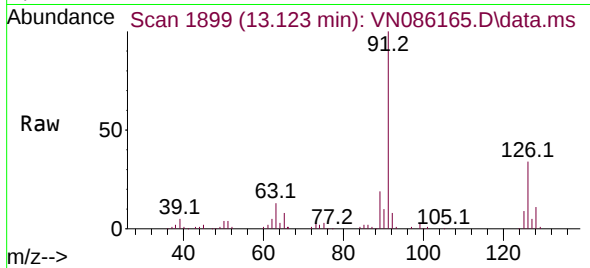




#79  
2-Chlorotoluene  
Concen: 19.747 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

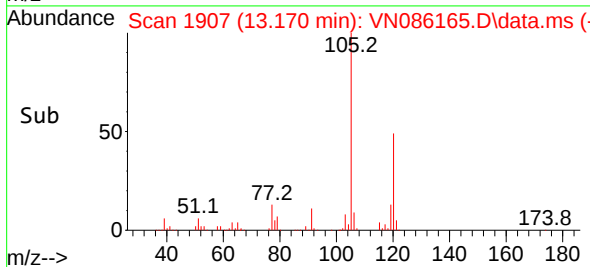
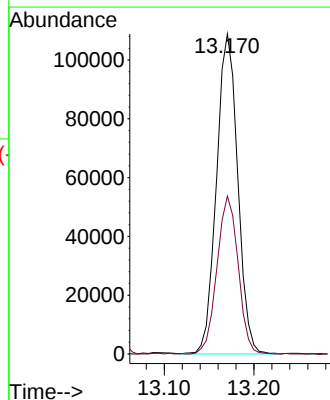
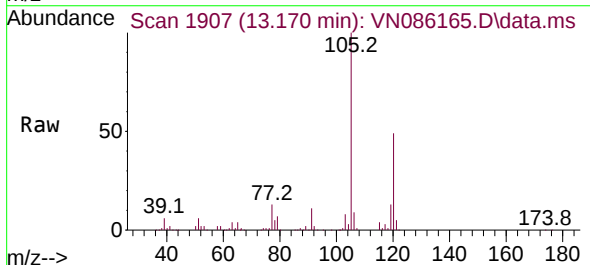
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

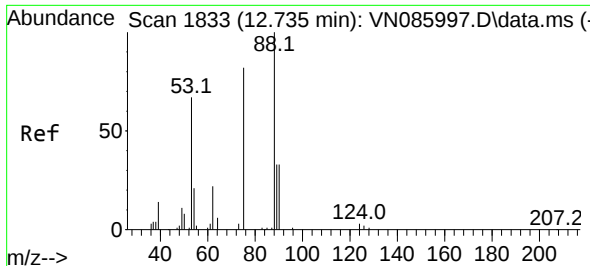
Tgt Ion: 91 Resp: 155613  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.4 49.2



#80  
1,3,5-Trimethylbenzene  
Concen: 20.229 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

Tgt Ion: 105 Resp: 178950  
Ion Ratio Lower Upper  
105 100  
120 49.0 23.7 71.1

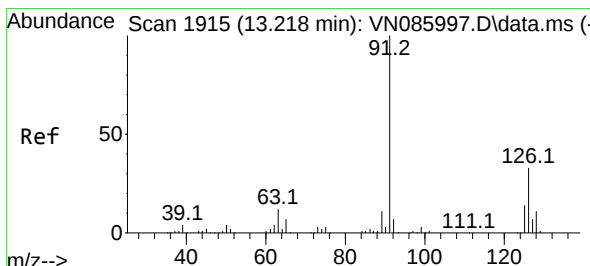
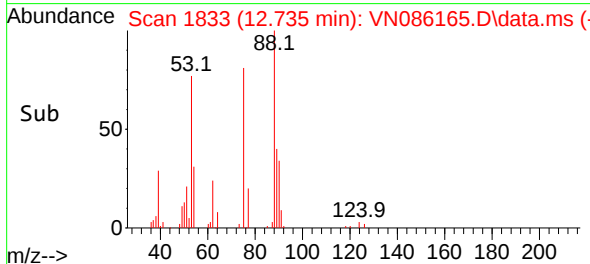
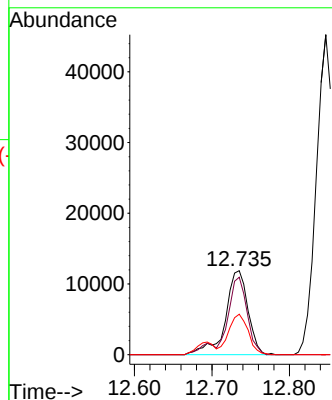
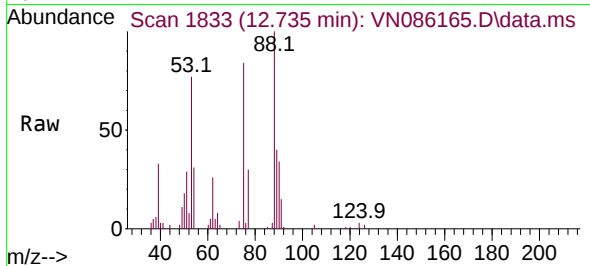




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.467 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

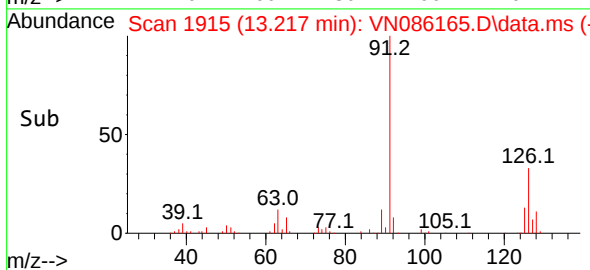
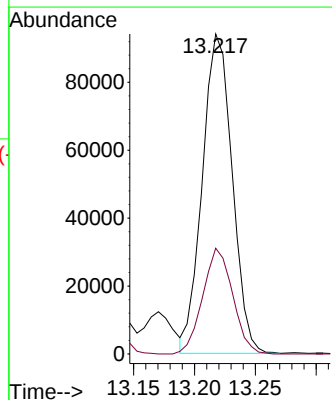
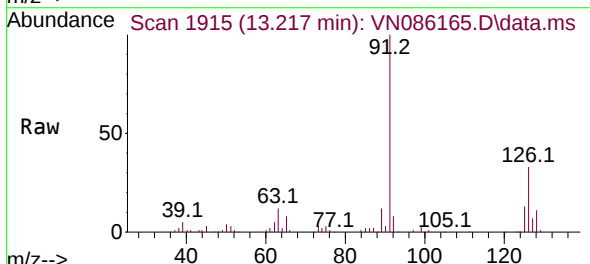
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

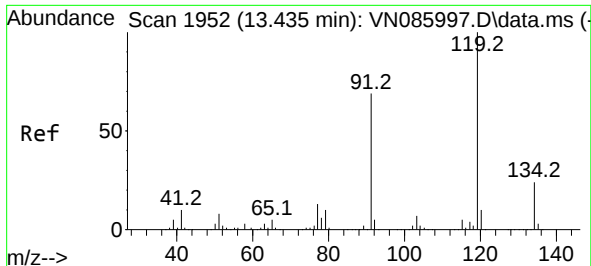
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 23993 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 75.3  | 66.0  | 99.0  |
| 89       | 42.2  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 19.813 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 160559 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 33.2  | 16.1  | 48.2   |

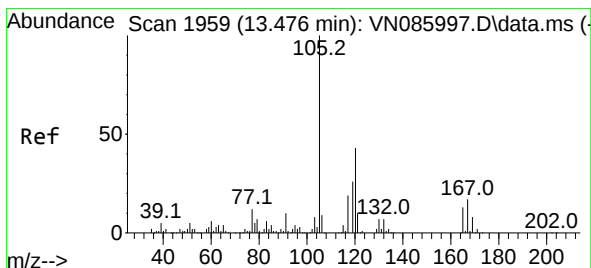
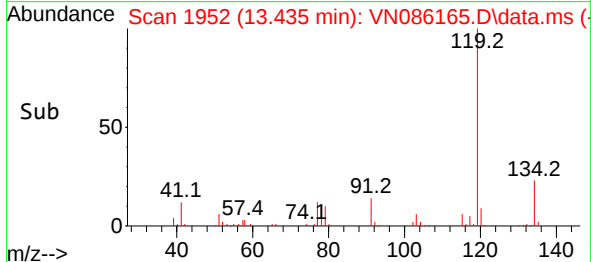
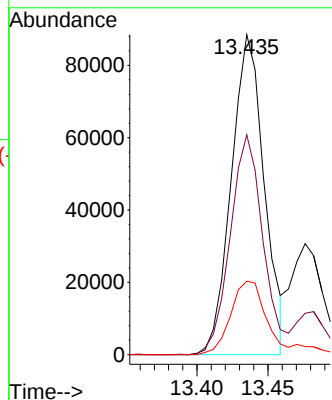
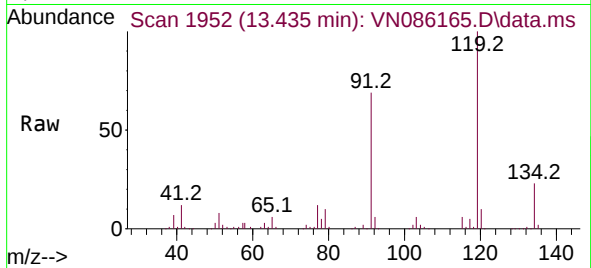




#83  
 tert-Butylbenzene  
 Concen: 18.861 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. -0.000 min  
 Lab File: VN086165.D  
 Acq: 28 Mar 2025 21:06

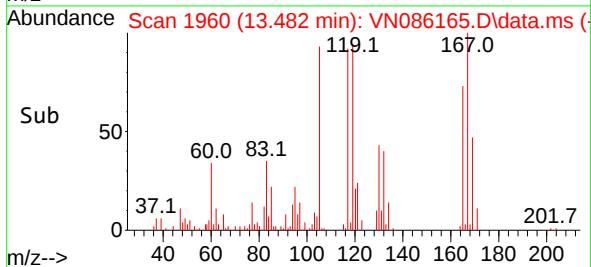
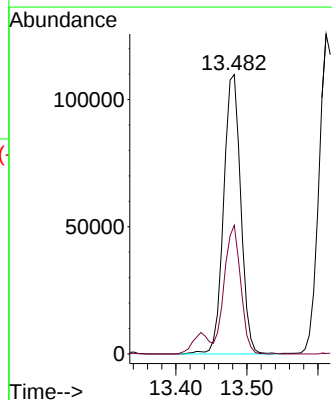
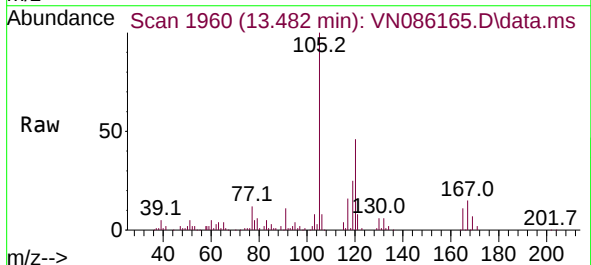
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328MBS01

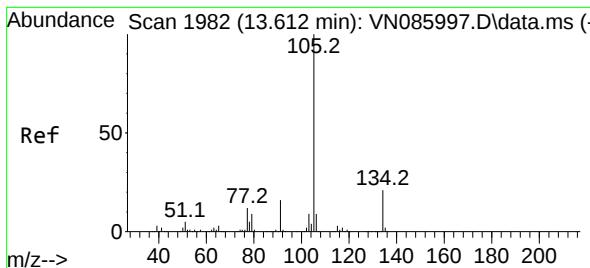
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 142694 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 91       | 68.8  | 34.3  | 102.9  |
| 134      | 24.4  | 13.5  | 40.5   |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.558 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.006 min  
 Lab File: VN086165.D  
 Acq: 28 Mar 2025 21:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 183422 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 120      | 44.0  | 21.9  | 65.8   |





#85

sec-Butylbenzene

Concen: 20.817 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

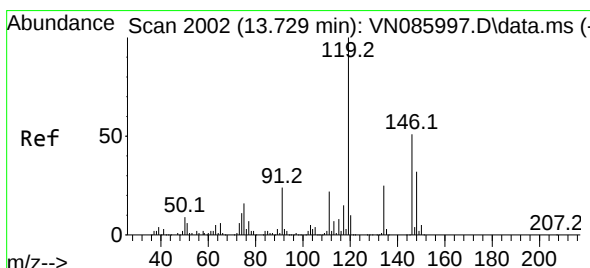
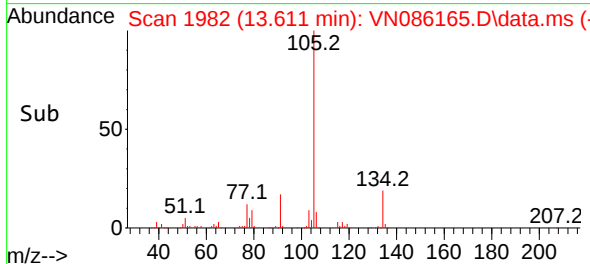
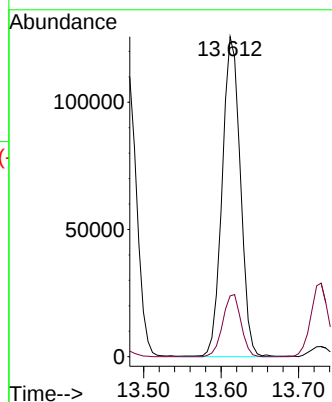
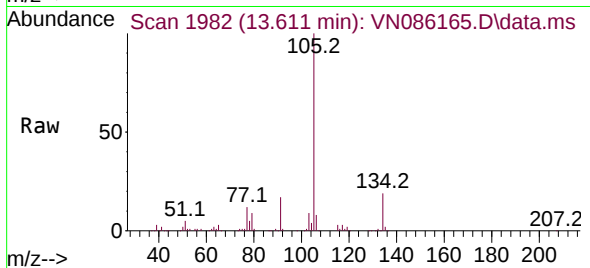
VN0328MBS01

Tgt Ion:105 Resp: 205455

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.978 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

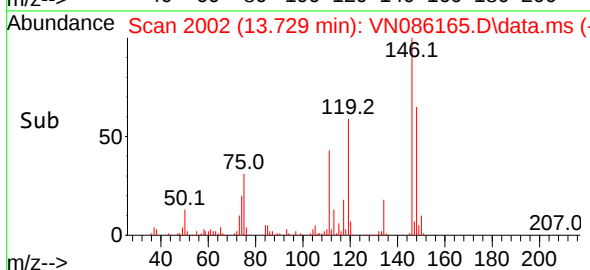
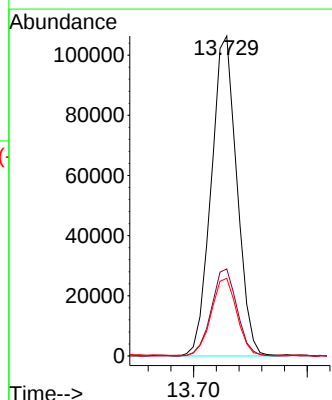
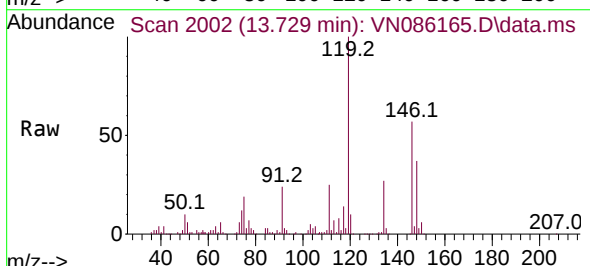
Tgt Ion:119 Resp: 166910

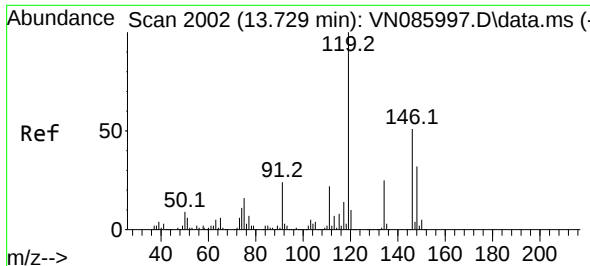
Ion Ratio Lower Upper

119 100

134 27.2 12.6 37.8

91 24.1 12.3 36.8

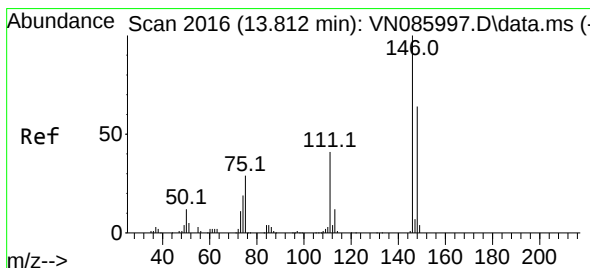
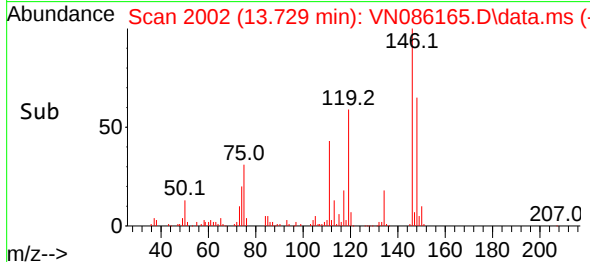
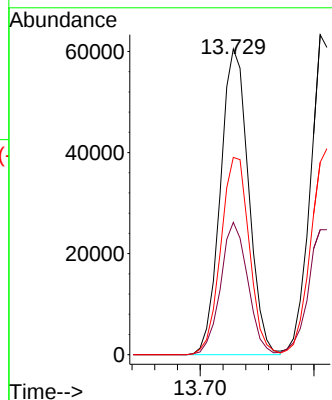
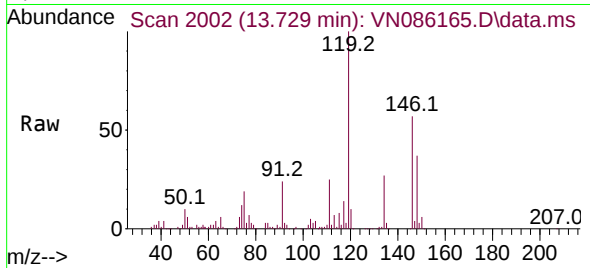




#87  
 1,3-Dichlorobenzene  
 Concen: 19.768 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN086165.D  
 Acq: 28 Mar 2025 21:06

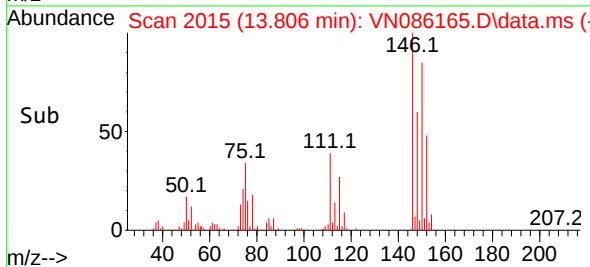
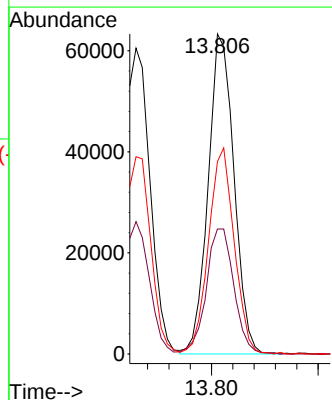
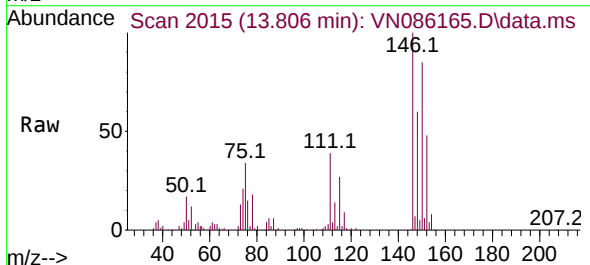
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328MBS01

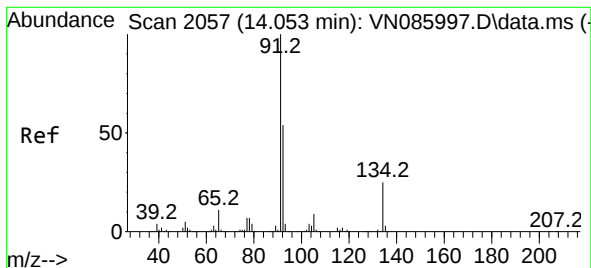
Tgt Ion:146 Resp: 104101  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 21.2 63.6  
 148 65.3 31.8 95.4



#88  
 1,4-Dichlorobenzene  
 Concen: 19.283 ug/l  
 RT: 13.806 min Scan# 2015  
 Delta R.T. -0.006 min  
 Lab File: VN086165.D  
 Acq: 28 Mar 2025 21:06

Tgt Ion:146 Resp: 106694  
 Ion Ratio Lower Upper  
 146 100  
 111 42.0 20.4 61.3  
 148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 19.187 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0328MBS01

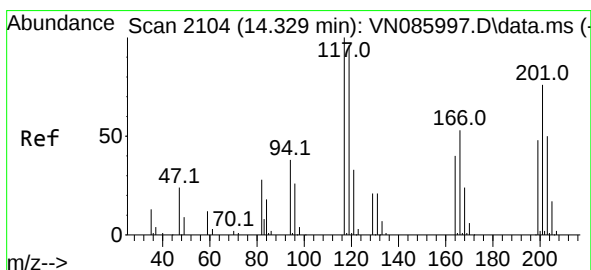
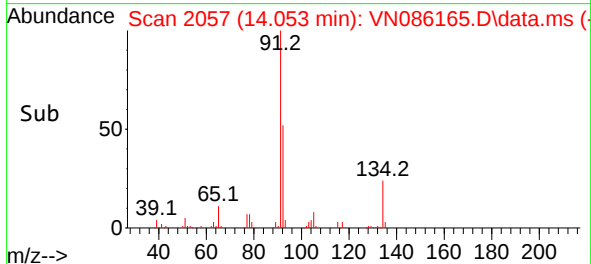
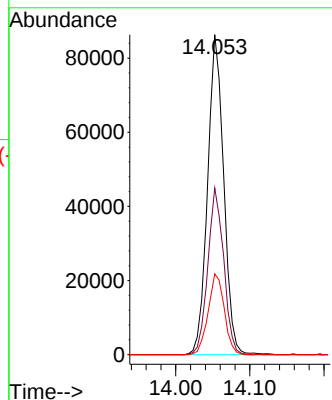
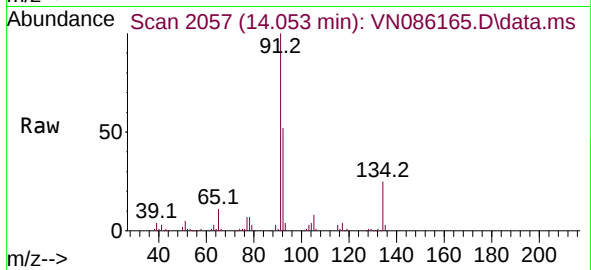
Tgt Ion: 91 Resp: 130539

Ion Ratio Lower Upper

91 100

92 51.3 26.9 80.6

134 25.3 13.0 39.0



#90

Hexachloroethane

Concen: 18.789 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN086165.D

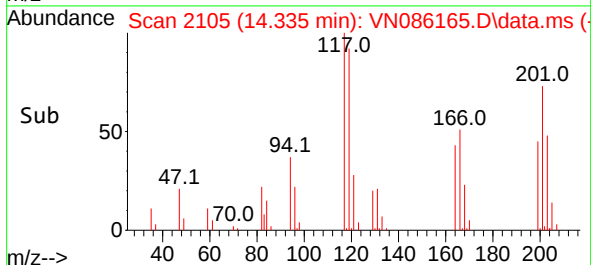
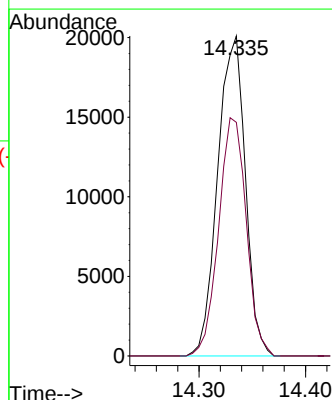
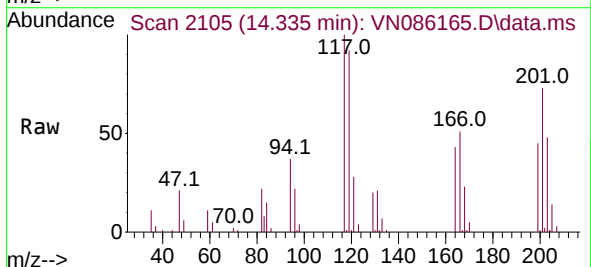
Acq: 28 Mar 2025 21:06

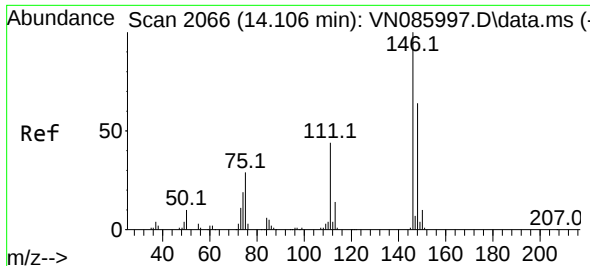
Tgt Ion: 117 Resp: 36221

Ion Ratio Lower Upper

117 100

201 74.5 39.1 117.3

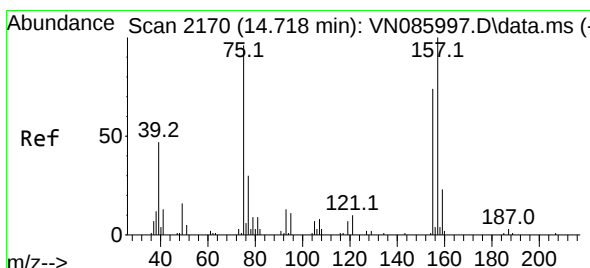
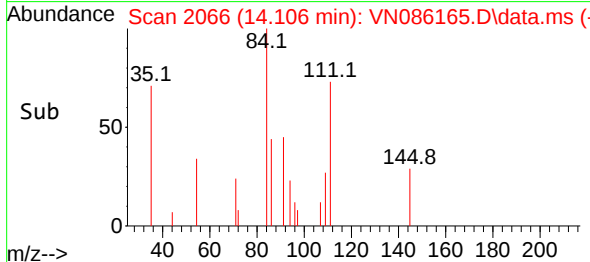
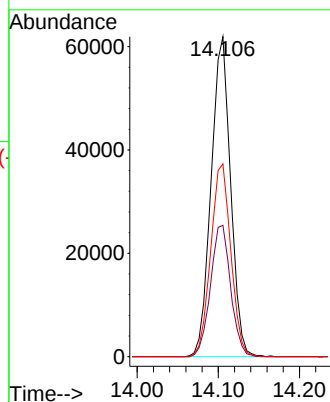
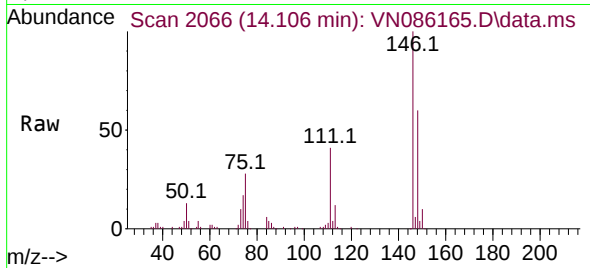




#91  
1,2-Dichlorobenzene  
Concen: 19.667 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

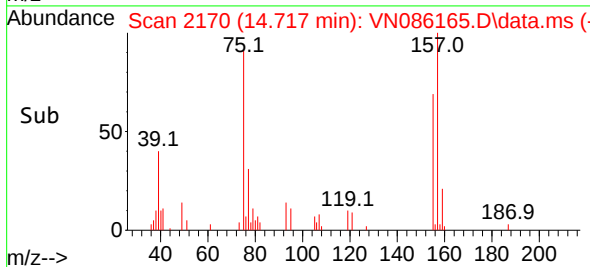
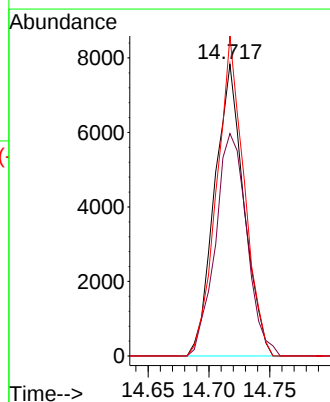
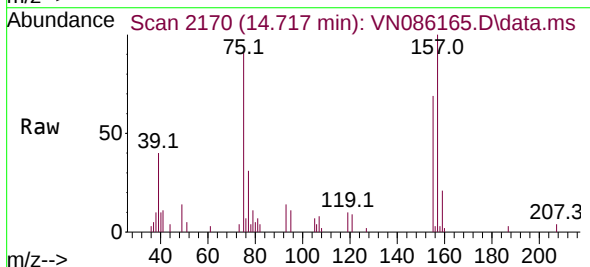
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328MBS01

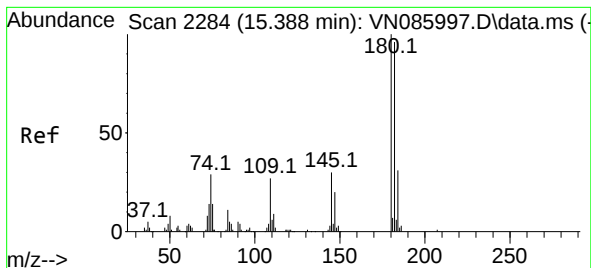
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 102960 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 42.6  | 22.3  | 66.8   |
| 148       | 62.3  | 32.1  | 96.5   |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.479 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN086165.D  
Acq: 28 Mar 2025 21:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 13075 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 82.1  | 41.0  | 123.0 |
| 157       | 102.7 | 53.7  | 161.1 |





#93

1,2,4-Trichlorobenzene

Concen: 18.183 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0328MBS01

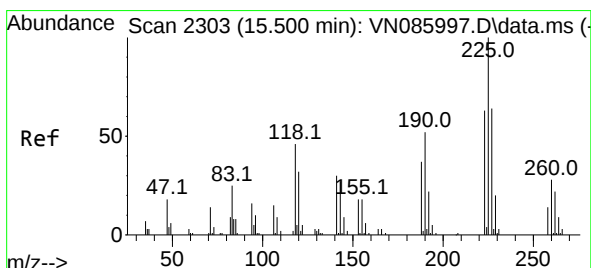
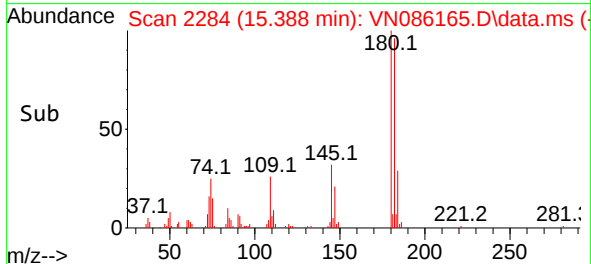
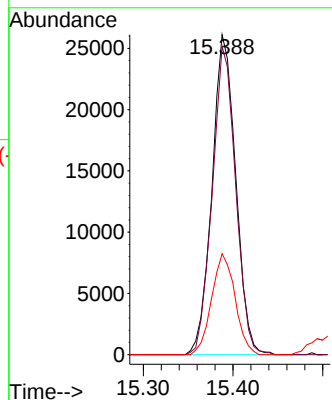
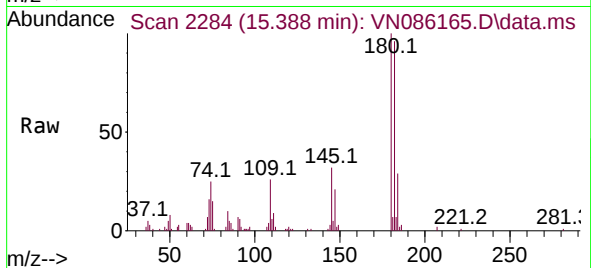
Tgt Ion:180 Resp: 47862

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.0

145 31.2 15.5 46.5



#94

Hexachlorobutadiene

Concen: 17.364 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

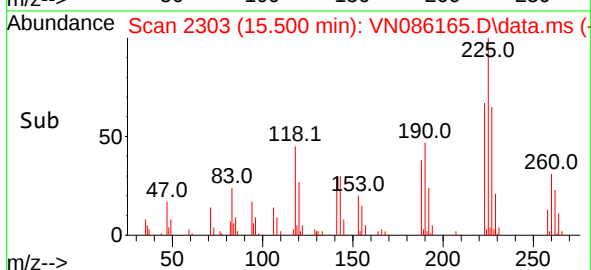
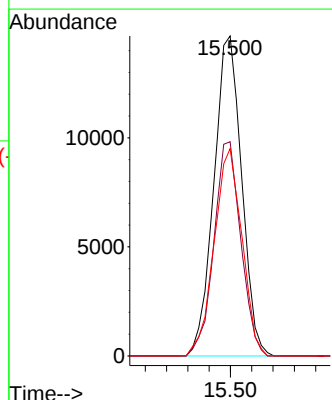
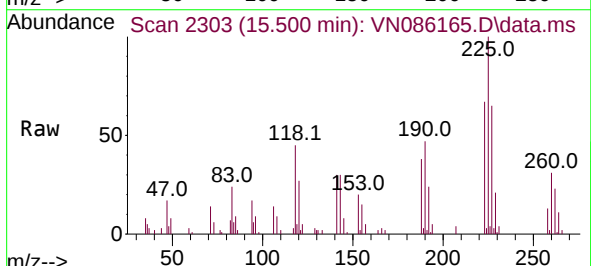
Tgt Ion:225 Resp: 26518

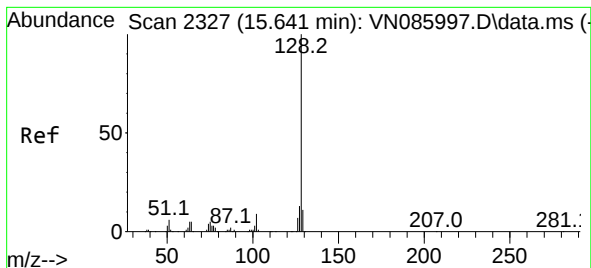
Ion Ratio Lower Upper

225 100

223 64.8 31.3 93.9

227 64.8 32.1 96.3





#95

Naphthalene

Concen: 17.907 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0328MBS01

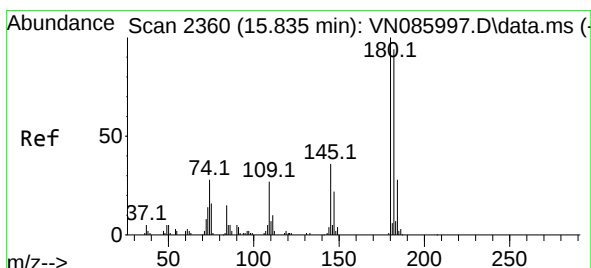
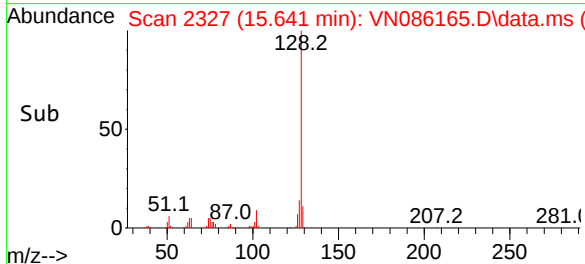
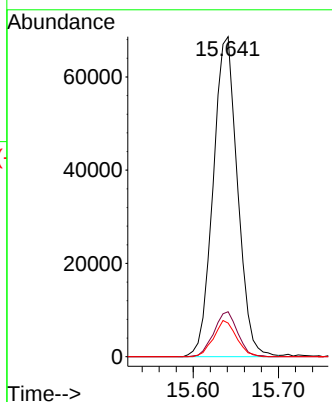
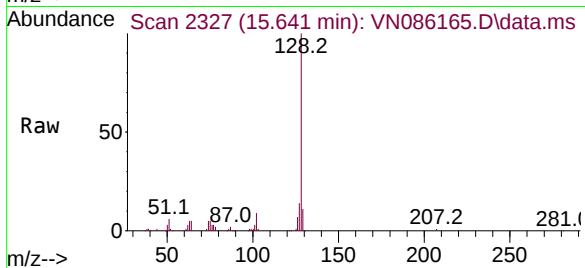
Tgt Ion:128 Resp: 136491

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 10.6 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 19.279 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086165.D

Acq: 28 Mar 2025 21:06

Tgt Ion:180 Resp: 48154

Ion Ratio Lower Upper

180 100

182 99.9 47.5 142.5

145 34.0 17.7 53.1

