

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020325\  
 Data File : VN085617.D  
 Acq On : 03 Feb 2025 12:56  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 04 00:57:24 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.218  | 168  | 193909   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 331362   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 301323   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 152662   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 139495   | 44.566   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 89.140%  |
| 35) Dibromofluoromethane    | 8.159  | 113   | 114784   | 49.931   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.860%  |
| 50) Toluene-d8              | 10.565 | 98    | 429609   | 52.598   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 105.200% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 145023   | 51.906   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 103.820% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 98099   | 37.364  | ug/l   | 98  |
| 3) Chloromethane             | 2.359 | 50  | 97800   | 34.404  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.512 | 62  | 123341  | 43.167  | ug/l   | 98  |
| 5) Bromomethane              | 2.948 | 94  | 80016   | 46.361  | ug/l   | 98  |
| 6) Chloroethane              | 3.118 | 64  | 89522   | 49.419  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 198260  | 47.821  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.959 | 74  | 62830   | 43.869  | ug/l   | 87  |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 108838  | 46.609  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.583 | 142 | 124678  | 46.624  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 95405   | 266.185 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 94603   | 45.458  | ug/l   | 89  |
| 13) Acrolein                 | 4.177 | 56  | 82470   | 168.557 | ug/l   | 99  |
| 14) Allyl chloride           | 5.024 | 41  | 123509  | 36.574  | ug/l # | 94  |
| 15) Acrylonitrile            | 5.712 | 53  | 263353  | 231.327 | ug/l   | 98  |
| 16) Acetone                  | 4.418 | 43  | 204618  | 202.320 | ug/l   | 93  |
| 17) Carbon Disulfide         | 4.712 | 76  | 223300  | 34.849  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.018 | 43  | 139501  | 45.361  | ug/l   | 92  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 335538  | 49.654  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.271 | 84  | 116799  | 46.650  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 102531  | 46.100  | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.671 | 45  | 334765  | 44.663  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.594 | 43  | 1130671 | 215.551 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 212538  | 46.504  | ug/l   | 99  |
| 25) 2-Butanone               | 7.477 | 43  | 325763  | 218.881 | ug/l   | 91  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 174244  | 47.156  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 132413  | 50.547  | ug/l   | 91  |
| 28) Bromochloromethane       | 7.806 | 49  | 91622   | 43.090  | ug/l   | 88  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 210490  | 223.073 | ug/l   | 88  |
| 30) Chloroform               | 7.965 | 83  | 228697  | 48.416  | ug/l   | 99  |
| 31) Cyclohexane              | 8.253 | 56  | 152259  | 38.329  | ug/l   | 90  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 193335  | 46.661  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 146021  | 45.259  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.559 | 43  | 132656  | 40.735  | ug/l   | 95  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 169547  | 45.902  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.600 | 83  | 141262  | 46.593  | ug/l   | 95  |
| 40) Benzene                  | 8.600 | 78  | 471269  | 48.614  | ug/l   | 98  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 04 00:57:24 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 72917    | 43.037   | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 165668   | 45.375   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.682  | 43   | 233249   | 44.700   | ug/l   | 97       |
| 44) Trichloroethene           | 9.347  | 130  | 108885   | 48.252   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 119741   | 48.357   | ug/l   | 100      |
| 46) Dibromomethane            | 9.706  | 93   | 84871    | 47.501   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.882  | 83   | 183920   | 50.527   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.677  | 41   | 106379   | 45.301   | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 40950    | 1035.537 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 708536   | 233.994  | ug/l   | 94       |
| 52) Toluene                   | 10.629 | 92   | 300704   | 53.534   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 174396   | 50.697   | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 187791   | 51.107   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 119203   | 53.625   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 170732   | 45.764   | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 201421   | 52.111   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 340114   | 241.104  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 508614   | 238.718  | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.353 | 129  | 141685   | 52.795   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 112834   | 50.994   | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.100 | 164  | 99530    | 48.451   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.888 | 112  | 331849   | 50.273   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 119985   | 49.526   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.959 | 91   | 567591   | 52.793   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 446120   | 112.274  | ug/l   | 94       |
| 69) o-Xylene                  | 12.394 | 106  | 213152   | 56.132   | ug/l   | 93       |
| 70) Styrene                   | 12.406 | 104  | 372069   | 59.204   | ug/l   | 96       |
| 71) Bromoform                 | 12.576 | 173  | 89849    | 51.832   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 533437   | 51.773   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.488 | 43   | 196603   | 42.452   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 173703   | 47.726   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 214297   | 69.064   | ug/l   | 46       |
| 77) Bromobenzene              | 12.976 | 156  | 131464   | 48.837   | ug/l   | 95       |
| 78) n-propylbenzene           | 13.035 | 91   | 646489   | 53.002   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 385400   | 48.821   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 452745   | 53.197   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 64630    | 56.354   | ug/l # | 73       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 391197   | 49.770   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 377386   | 52.803   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 457878   | 53.980   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 540740   | 54.590   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 448653   | 50.266   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 248411   | 50.109   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 247225   | 48.112   | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.053 | 91   | 375157   | 52.792   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 91155    | 48.339   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 240267   | 48.589   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 29819    | 44.867   | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 112114   | 48.782   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 54586    | 44.736   | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 343491   | 50.085   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 112671   | 48.450   | ug/l   | 99       |

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Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

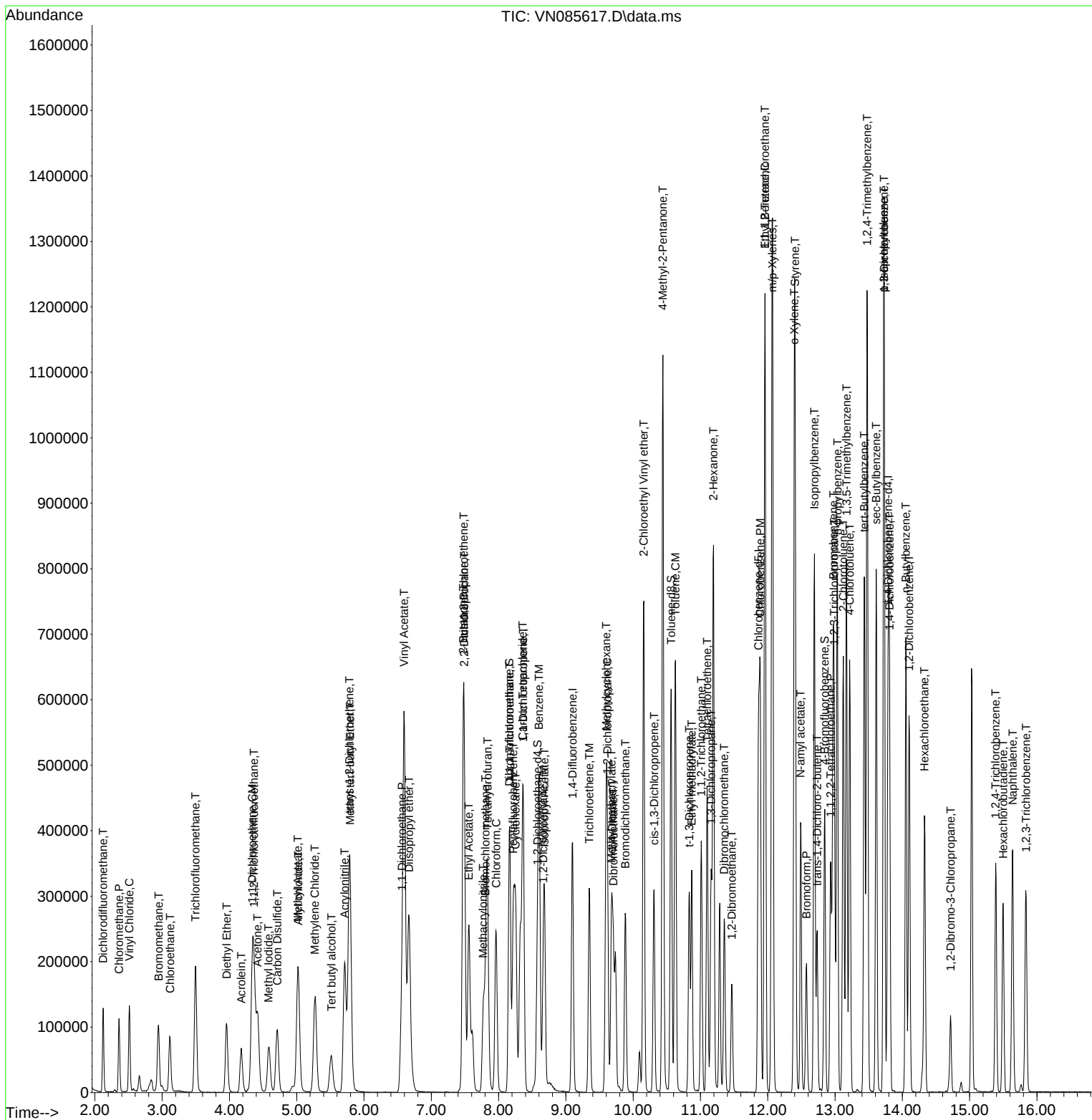
Instrument :  
MSVOA\_N  
ClientSampleId :

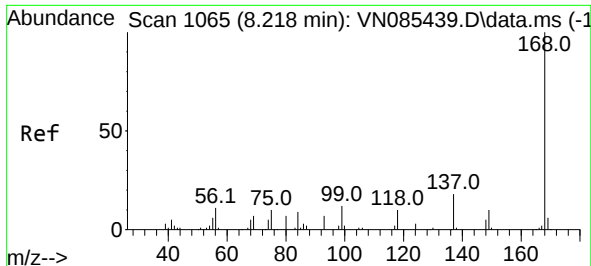
Quant Time: Feb 04 00:57:24 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 15 02:16:08 2025  
Response via : Initial Calibration

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

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

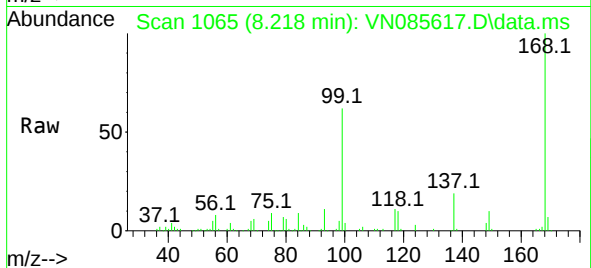
Quant Time: Feb 04 00:57:24 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
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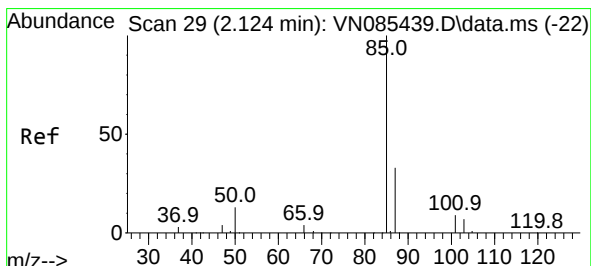
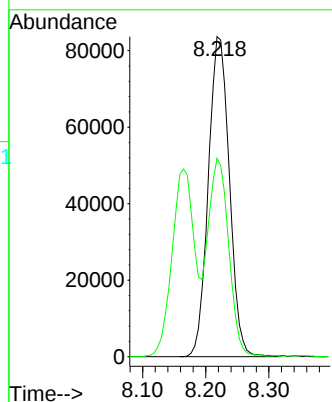
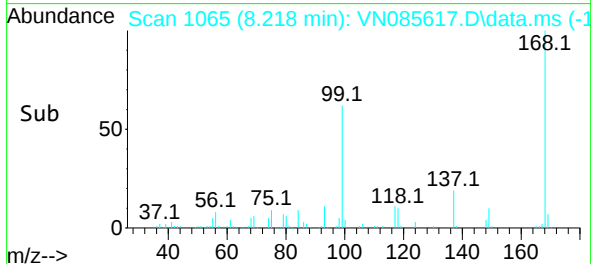


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

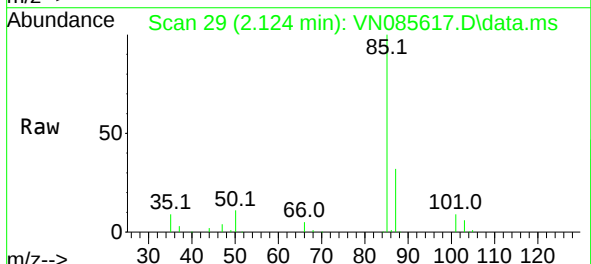
Instrument :  
MSVOA\_N  
ClientSampleId :



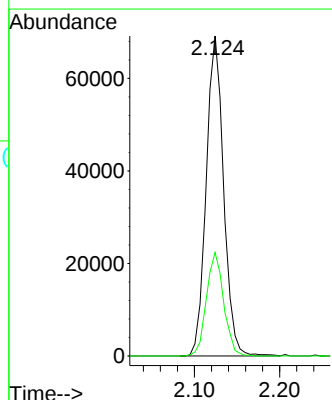
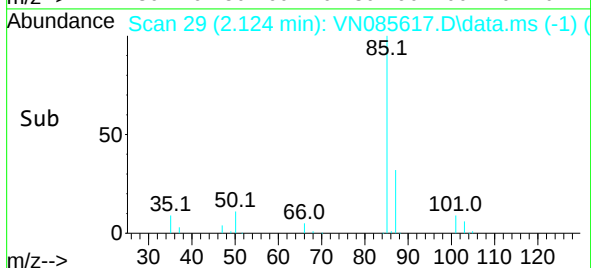
Tgt Ion:168 Resp: 193909  
Ion Ratio Lower Upper  
168 100  
99 62.0 53.6 80.4

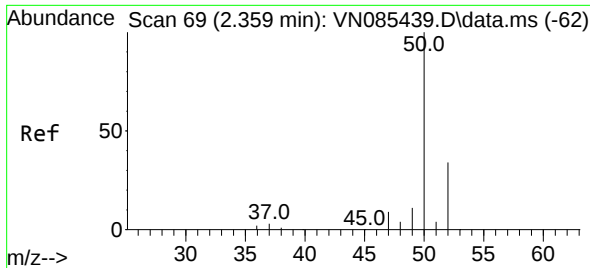


#2  
Dichlorodifluoromethane  
Concen: 37.364 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56



Tgt Ion: 85 Resp: 98099  
Ion Ratio Lower Upper  
85 100  
87 32.4 16.7 50.1

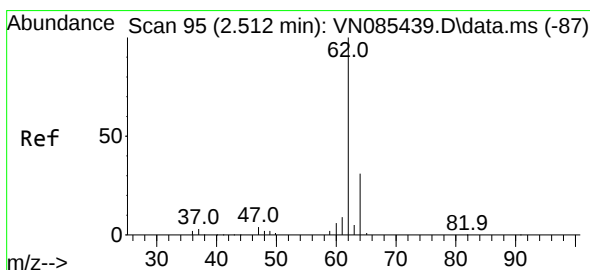
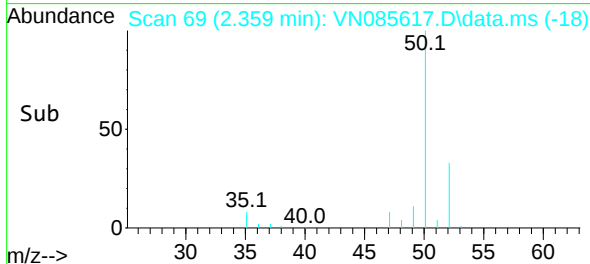
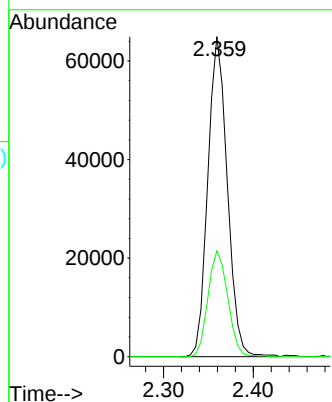
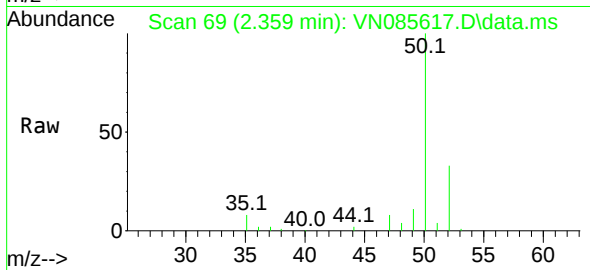




#3  
 Chloromethane  
 Concen: 34.404 ug/l  
 RT: 2.359 min Scan# 69  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

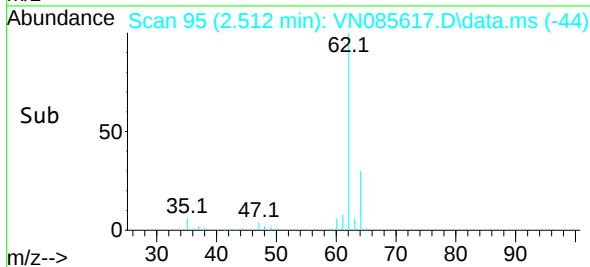
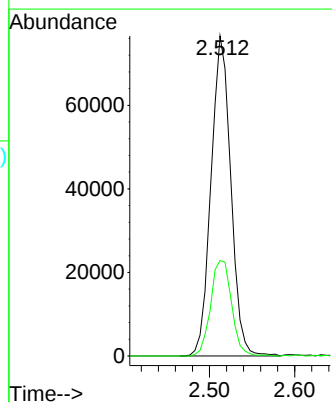
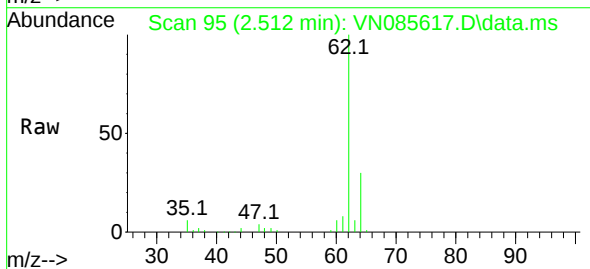
Instrument :  
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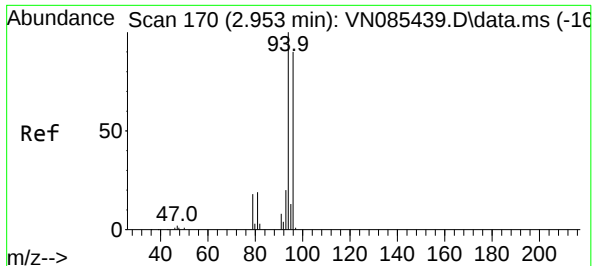
Tgt Ion: 50 Resp: 97800  
 Ion Ratio Lower Upper  
 50 100  
 52 33.0 27.0 40.6



#4  
 Vinyl Chloride  
 Concen: 43.167 ug/l  
 RT: 2.512 min Scan# 95  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

Tgt Ion: 62 Resp: 123341  
 Ion Ratio Lower Upper  
 62 100  
 64 29.8 24.8 37.2

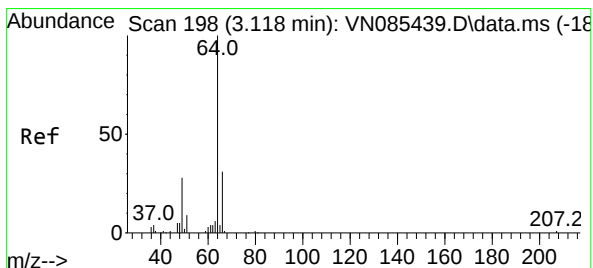
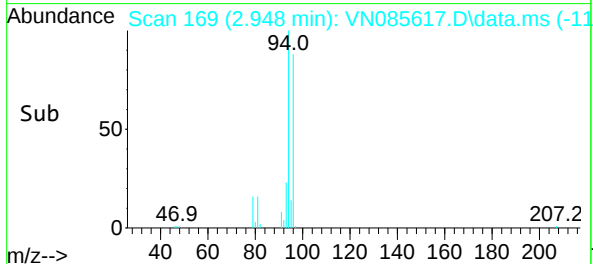
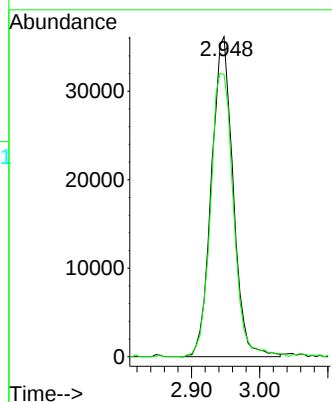
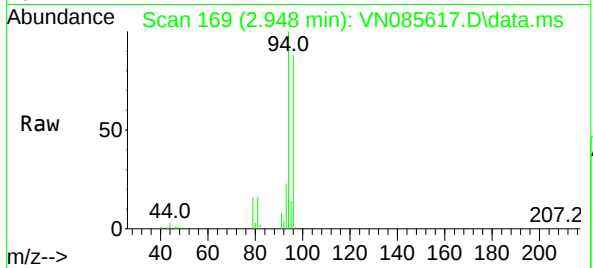




#5  
Bromomethane  
Concen: 46.361 ug/l  
RT: 2.948 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

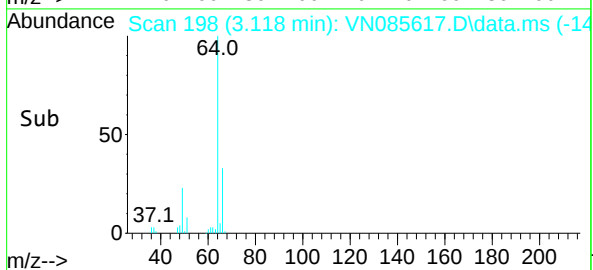
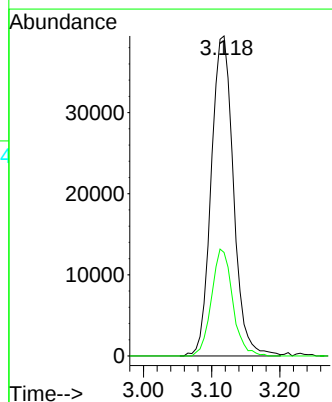
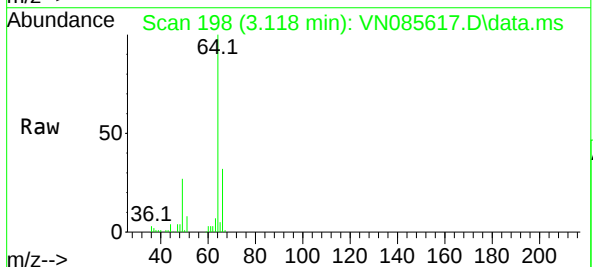
Instrument :  
MSVOA\_N  
ClientSampleId :

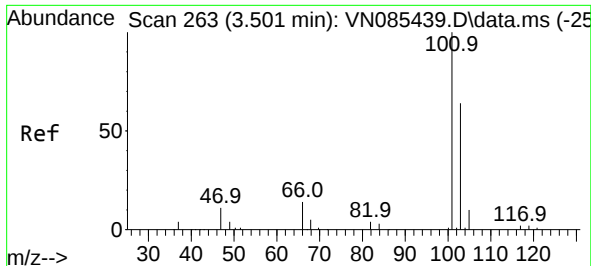
Tgt Ion: 94 Resp: 80016  
Ion Ratio Lower Upper  
94 100  
96 88.3 71.8 107.6



#6  
Chloroethane  
Concen: 49.419 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 64 Resp: 89522  
Ion Ratio Lower Upper  
64 100  
66 32.4 24.6 36.8

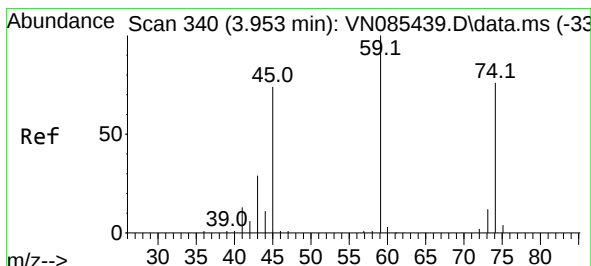
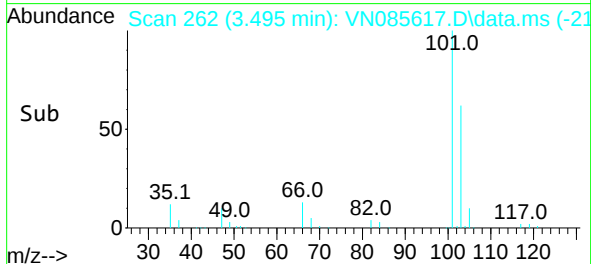
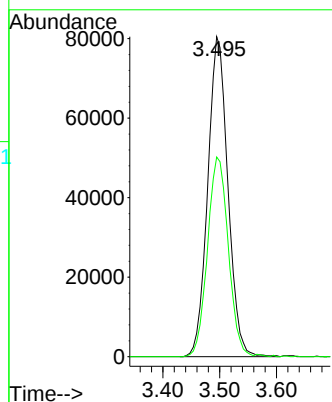
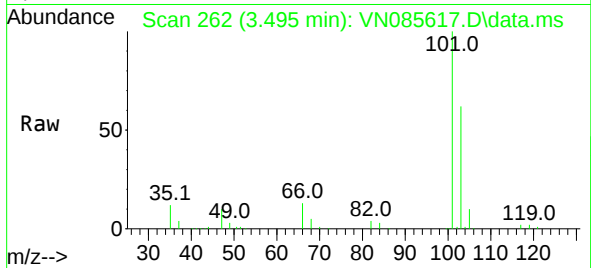




#7  
Trichlorofluoromethane  
Concen: 47.821 ug/l  
RT: 3.495 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

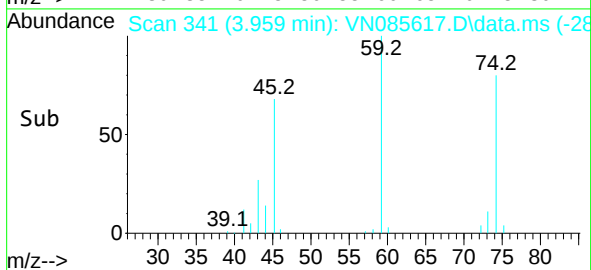
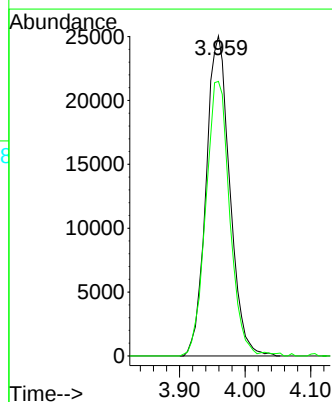
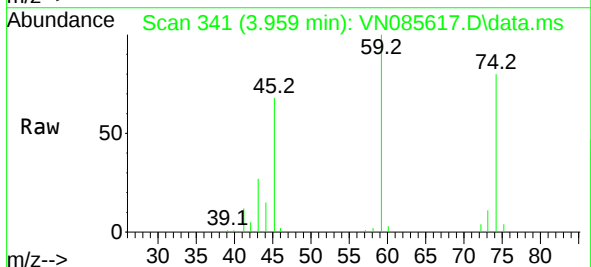
Instrument :  
MSVOA\_N  
ClientSampleId :

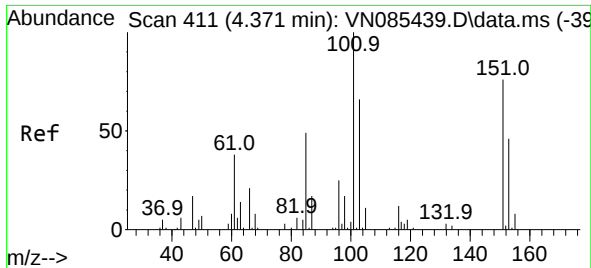
Tgt Ion:101 Resp: 198260  
Ion Ratio Lower Upper  
101 100  
103 62.4 51.4 77.2



#8  
Diethyl Ether  
Concen: 43.869 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 74 Resp: 62830  
Ion Ratio Lower Upper  
74 100  
45 86.5 49.7 149.1

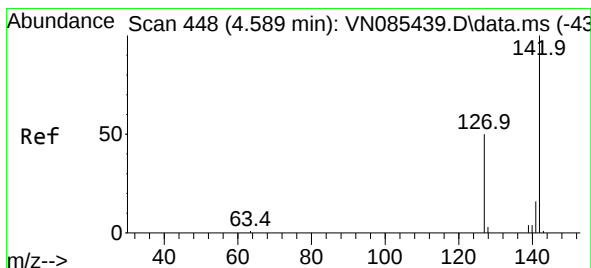
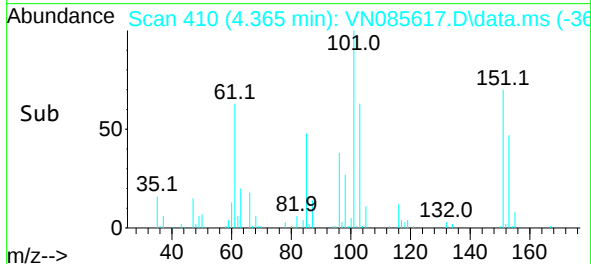
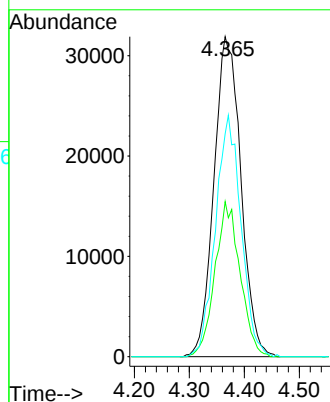
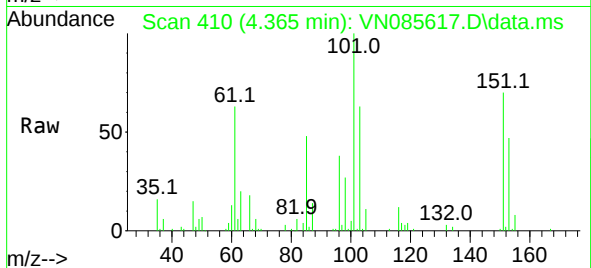




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.609 ug/l  
RT: 4.365 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

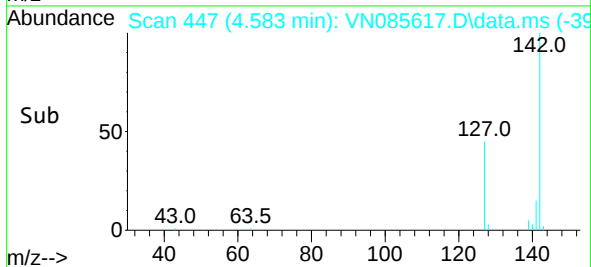
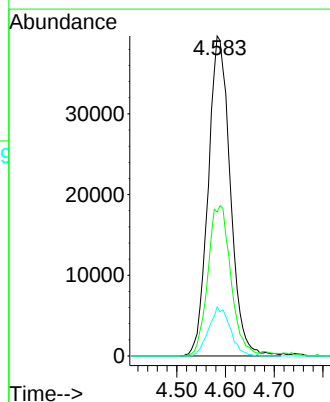
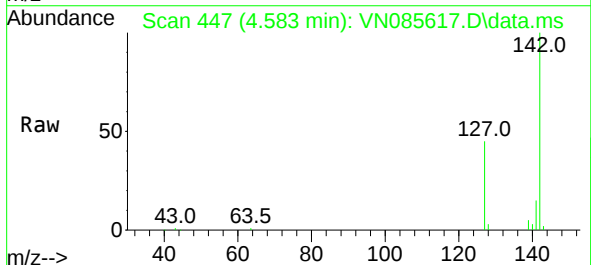
Instrument :  
MSVOA\_N  
ClientSampleId :

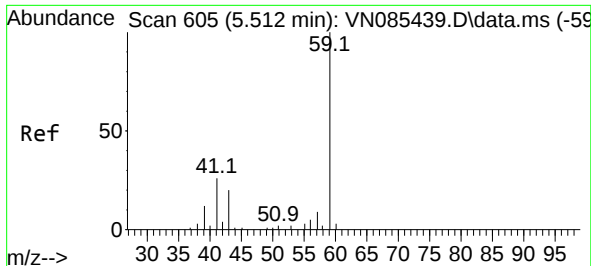
Tgt Ion:101 Resp: 108838  
Ion Ratio Lower Upper  
101 100  
85 45.0 37.8 56.8  
151 71.5 58.8 88.2



#10  
Methyl Iodide  
Concen: 46.624 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion:142 Resp: 124678  
Ion Ratio Lower Upper  
142 100  
127 45.0 40.3 60.5  
141 15.4 12.8 19.2

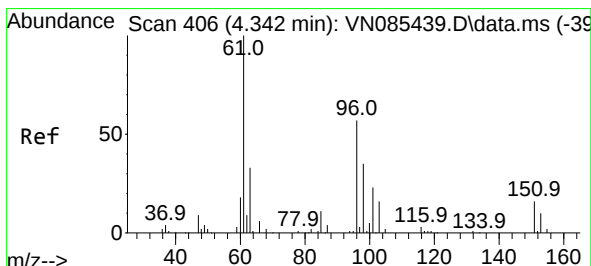
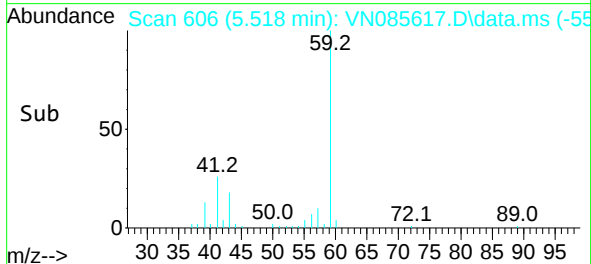
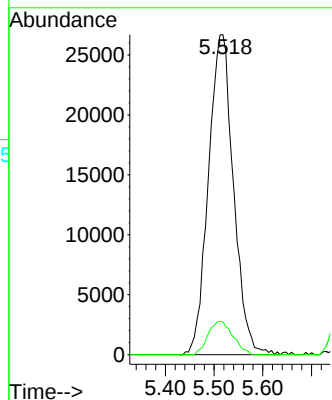
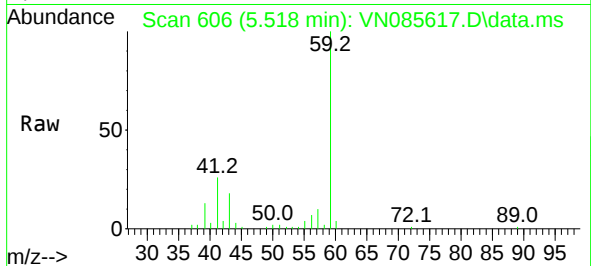




#11  
Tert butyl alcohol  
Concen: 266.185 ug/l  
RT: 5.518 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

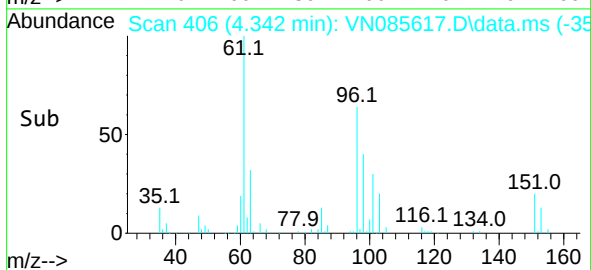
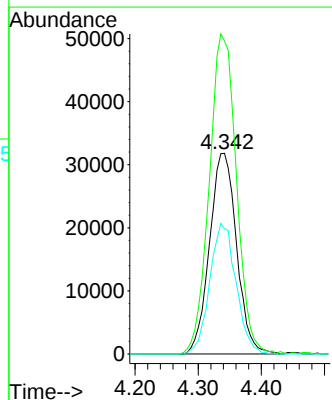
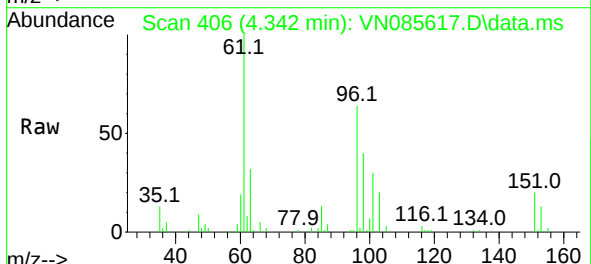
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 59 Resp: 95405  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.6 13.0



#12  
1,1-Dichloroethene  
Concen: 45.458 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 96 Resp: 94603  
Ion Ratio Lower Upper  
96 100  
61 156.0 141.0 211.4  
98 62.5 49.0 73.6





#13

Acrolein

Concen: 168.557 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

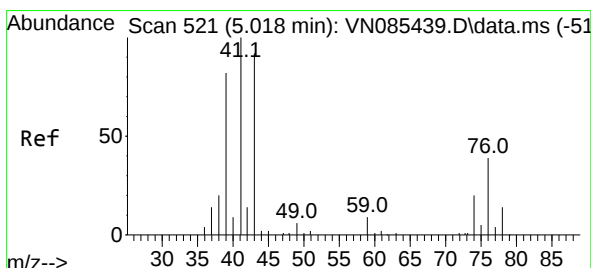
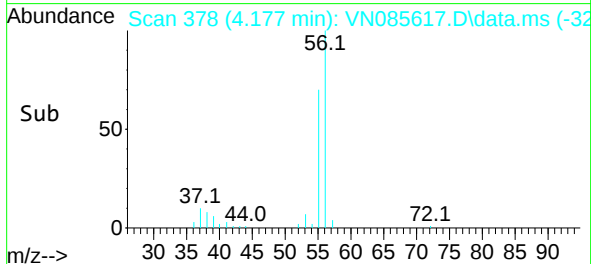
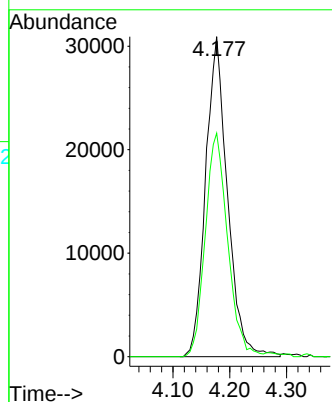
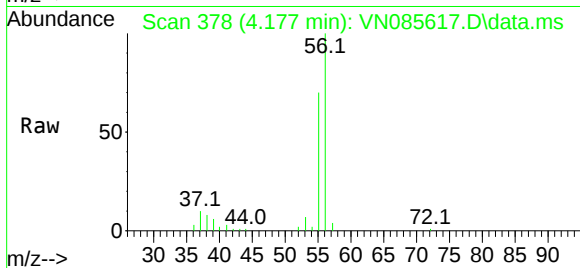
ClientSampleId :

Tgt Ion: 56 Resp: 82470

Ion Ratio Lower Upper

56 100

55 71.4 56.3 84.5



#14

Allyl chloride

Concen: 36.574 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

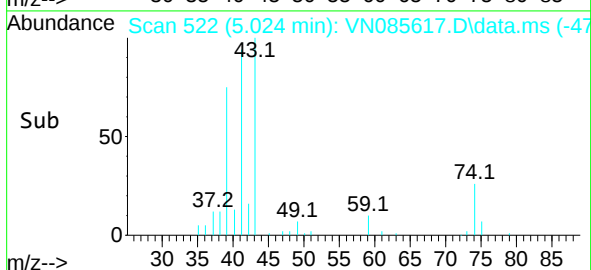
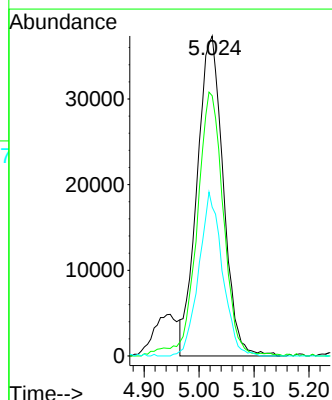
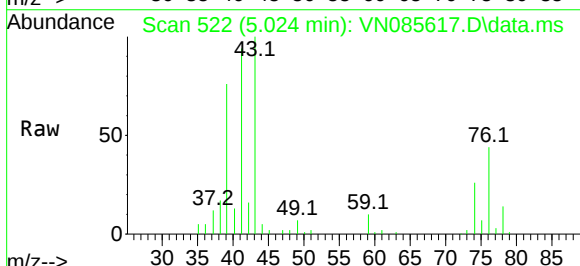
Tgt Ion: 41 Resp: 123509

Ion Ratio Lower Upper

41 100

39 83.1 64.4 96.6

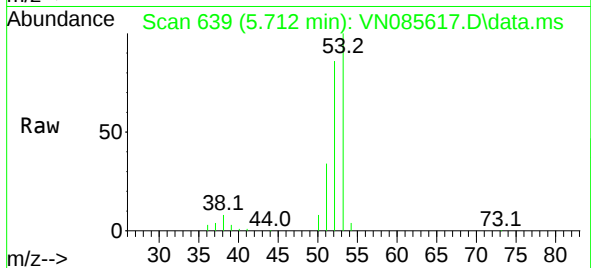
76 46.2 30.5 45.7#



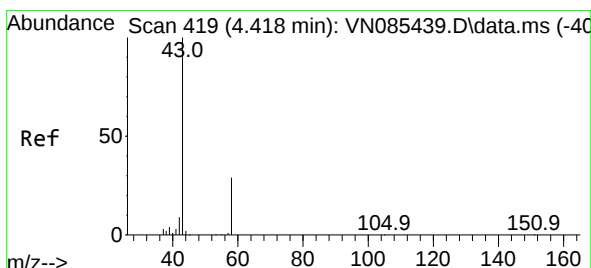
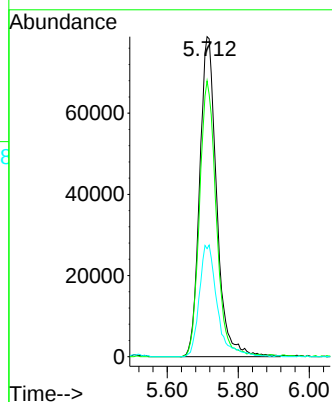
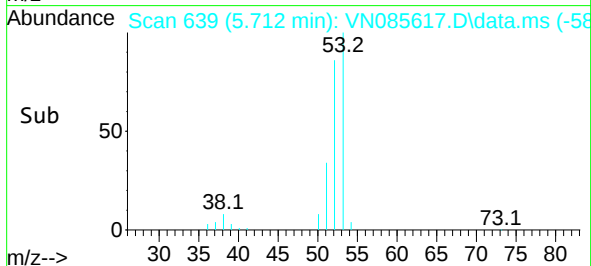


#15  
Acrylonitrile  
Concen: 231.327 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

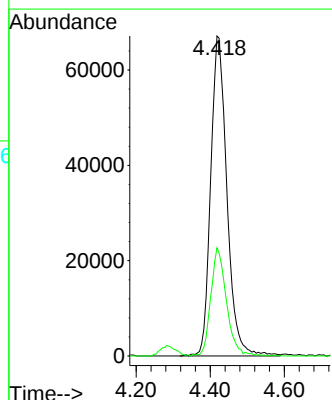
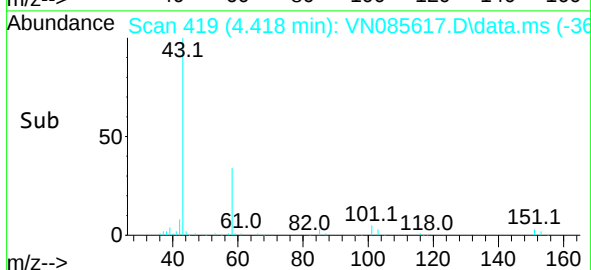
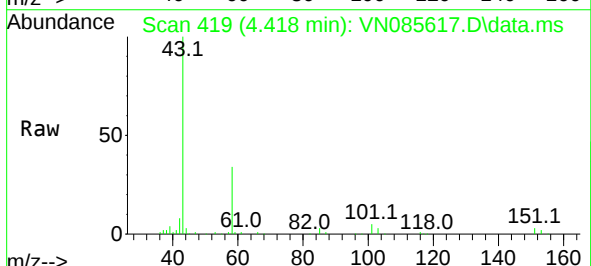


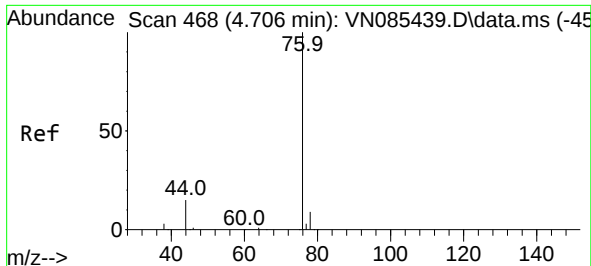
Tgt Ion: 53 Resp: 263353  
Ion Ratio Lower Upper  
53 100  
52 84.6 65.5 98.3  
51 36.8 29.8 44.8



#16  
Acetone  
Concen: 202.320 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 43 Resp: 204618  
Ion Ratio Lower Upper  
43 100  
58 33.5 23.8 35.6

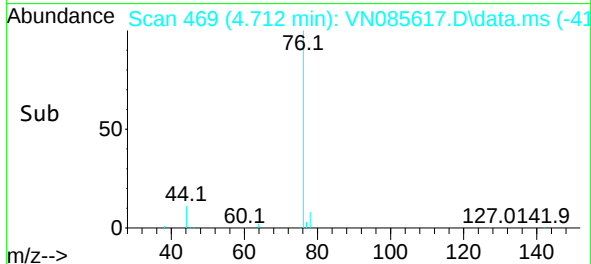
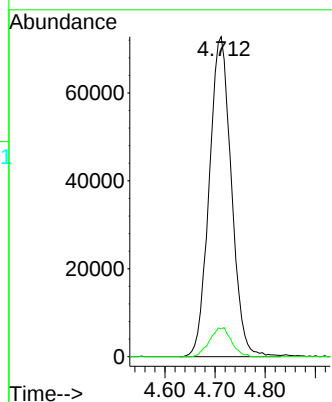
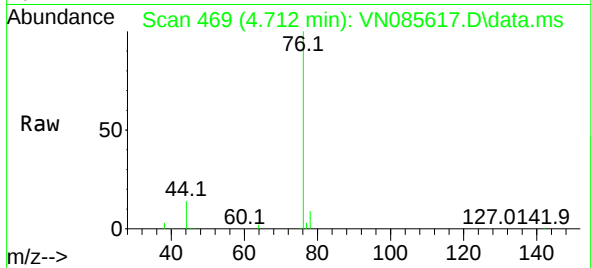




#17  
Carbon Disulfide  
Concen: 34.849 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

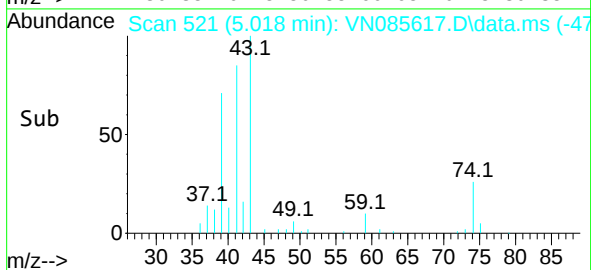
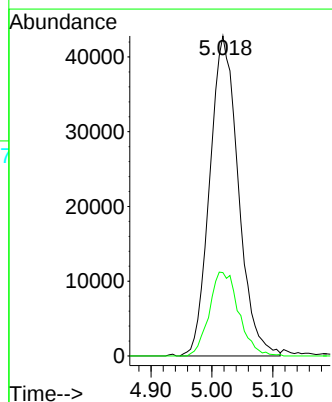
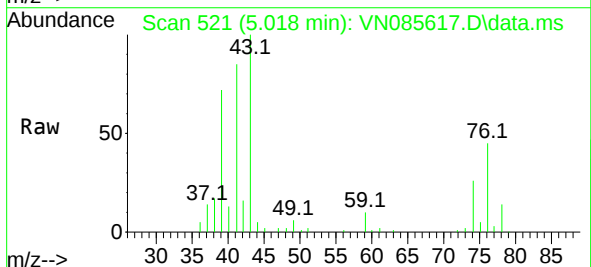
Instrument :  
MSVOA\_N  
ClientSampleId :

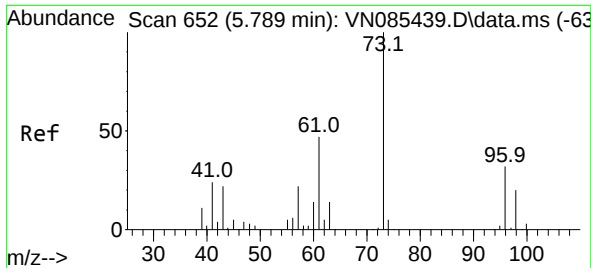
Tgt Ion: 76 Resp: 223300  
Ion Ratio Lower Upper  
76 100  
78 8.7 6.9 10.3



#18  
Methyl Acetate  
Concen: 45.361 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 43 Resp: 139501  
Ion Ratio Lower Upper  
43 100  
74 27.1 18.6 28.0

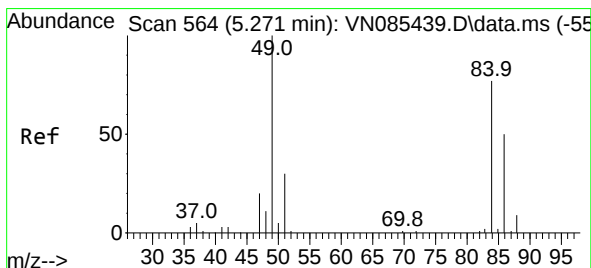
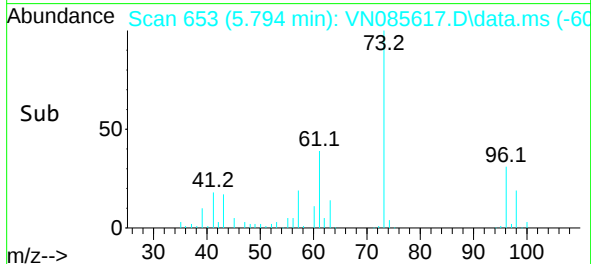
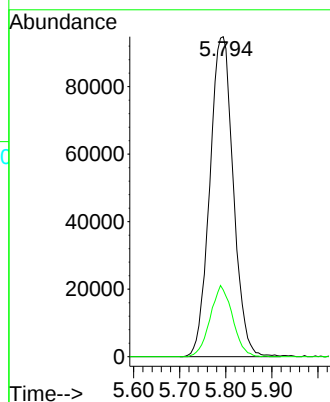
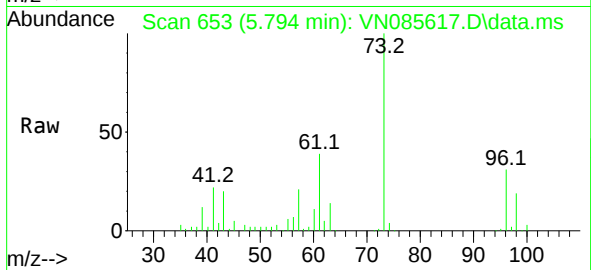




#19  
Methyl tert-butyl Ether  
Concen: 49.654 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

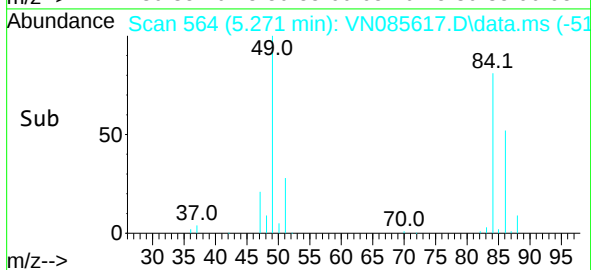
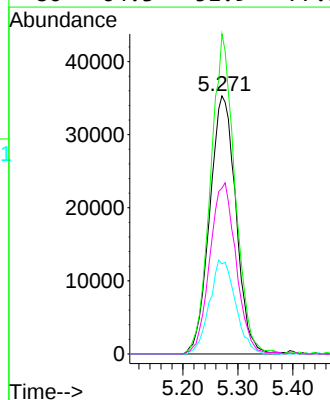
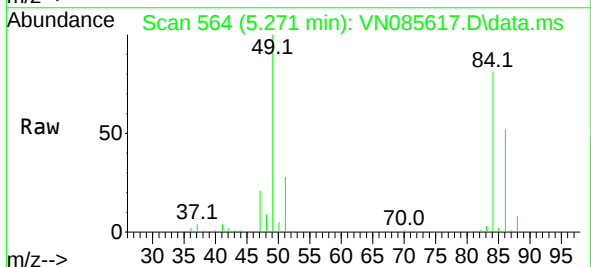
Instrument :  
MSVOA\_N  
ClientSampleId :

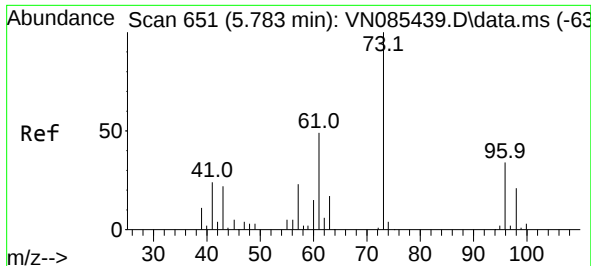
Tgt Ion: 73 Resp: 335538  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.8 26.8



#20  
Methylene Chloride  
Concen: 46.650 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 84 Resp: 116799  
Ion Ratio Lower Upper  
84 100  
49 124.0 104.1 156.1  
51 34.9 31.0 46.4  
86 64.3 51.9 77.9

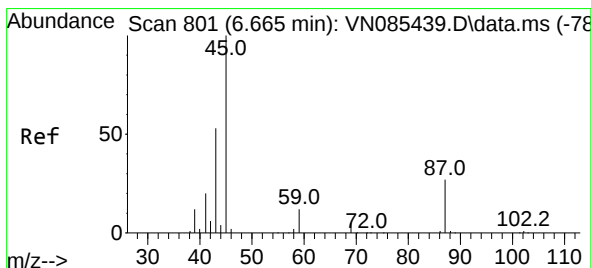
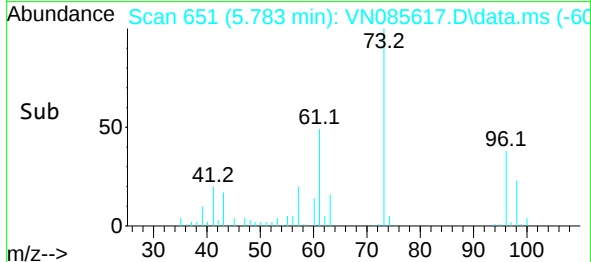
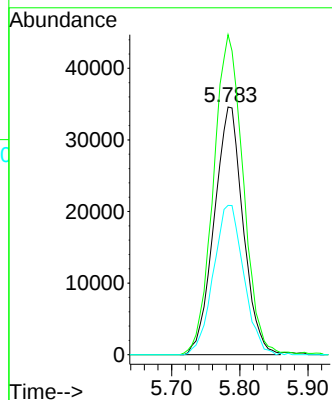
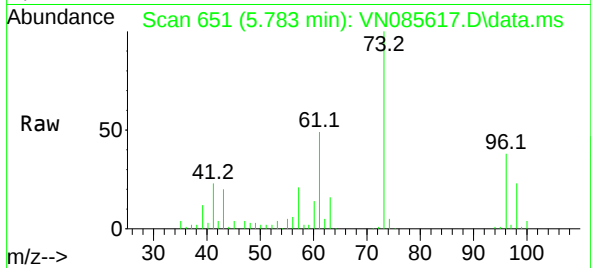




#21  
trans-1,2-Dichloroethene  
Concen: 46.100 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

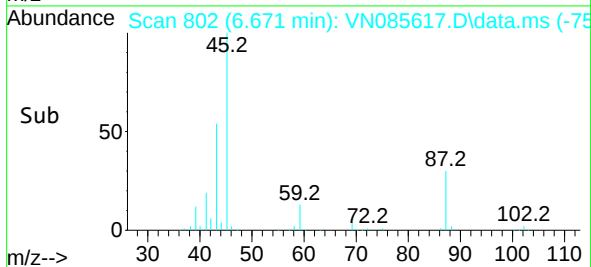
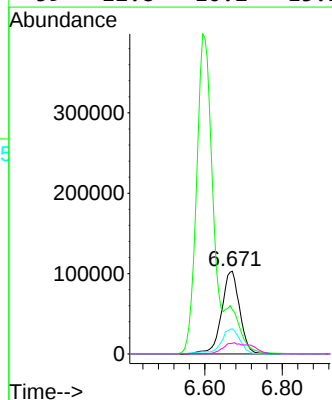
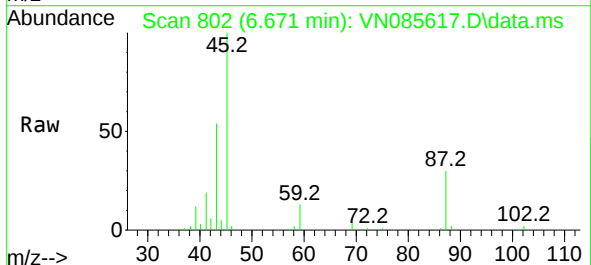
Instrument :  
MSVOA\_N  
ClientSampleId :

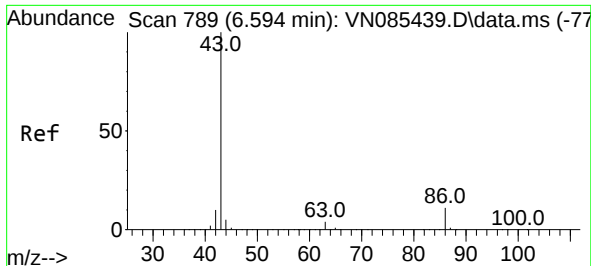
Tgt Ion: 96 Resp: 102531  
Ion Ratio Lower Upper  
96 100  
61 129.2 115.7 173.5  
98 60.2 49.8 74.8



#22  
Diisopropyl ether  
Concen: 44.663 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 45 Resp: 334765  
Ion Ratio Lower Upper  
45 100  
43 52.8 45.0 67.6  
87 30.3 21.8 32.8  
59 12.8 10.2 15.2

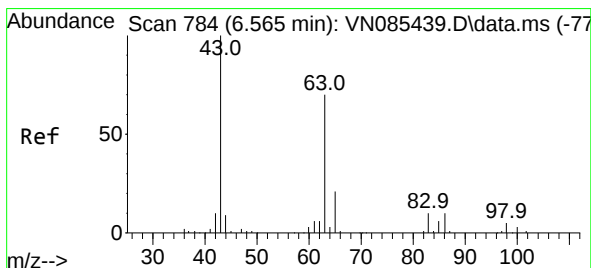
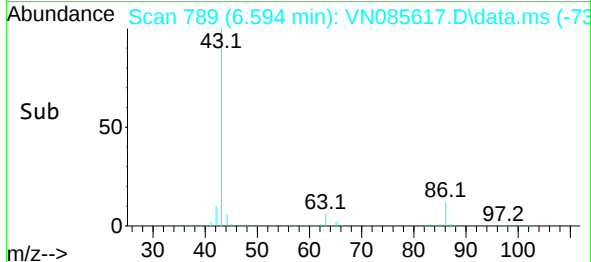
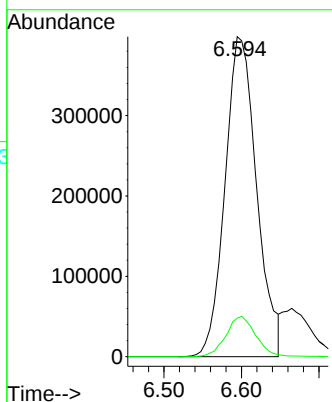
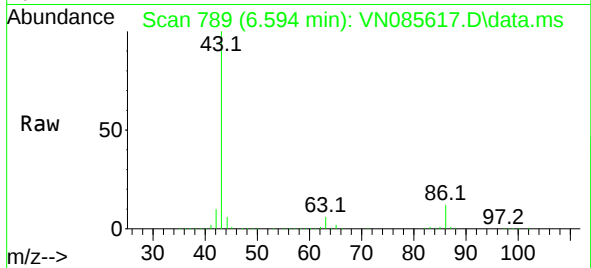




#23  
 Vinyl Acetate  
 Concen: 215.551 ug/l  
 RT: 6.594 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

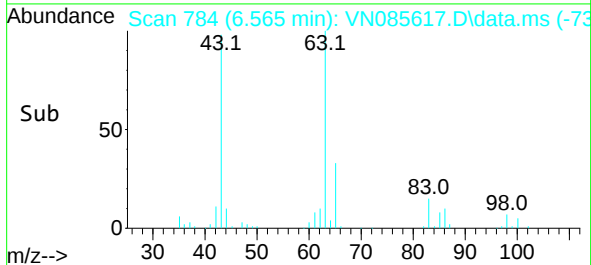
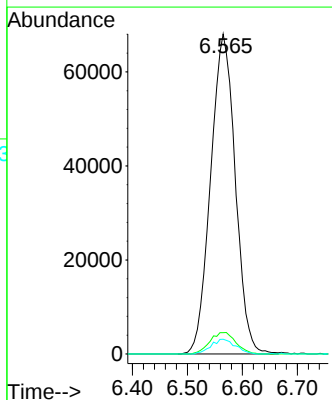
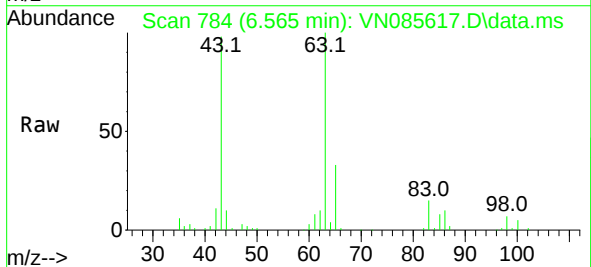
Instrument :  
 MSVOA\_N  
 ClientSampleId :

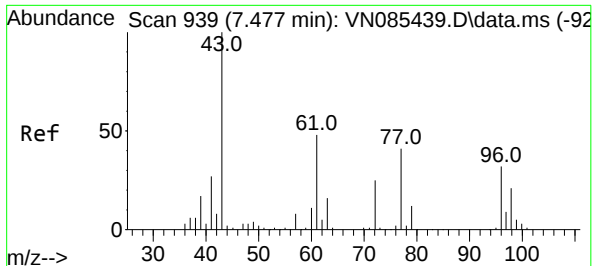
Tgt Ion: 43 Resp: 1130671  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 8.4 12.6



#24  
 1,1-Dichloroethane  
 Concen: 46.504 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

Tgt Ion: 63 Resp: 212538  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.3 9.8  
 100 4.6 2.0 6.0

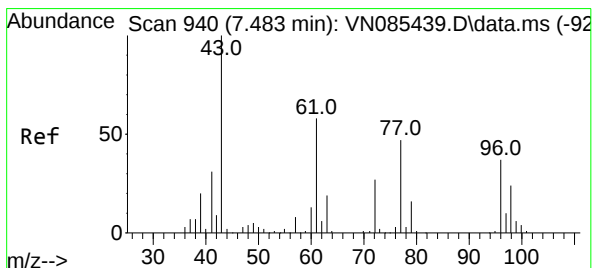
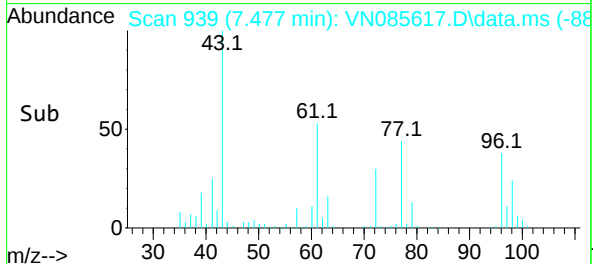
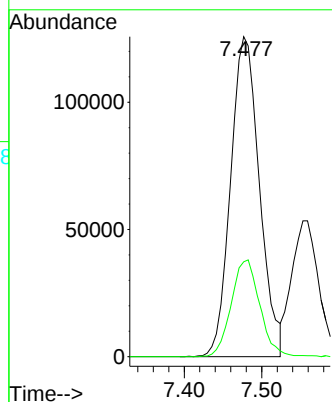
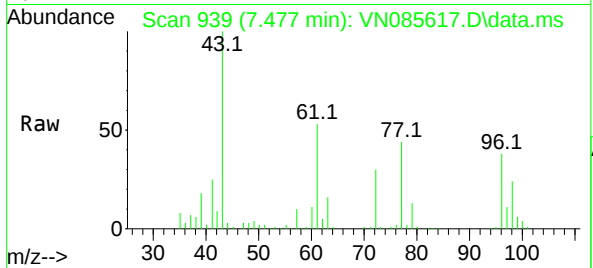




#25  
2-Butanone  
Concen: 218.881 ug/l  
RT: 7.477 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

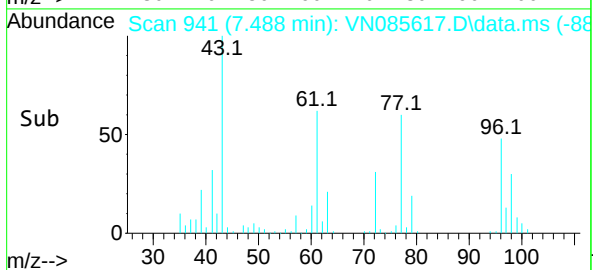
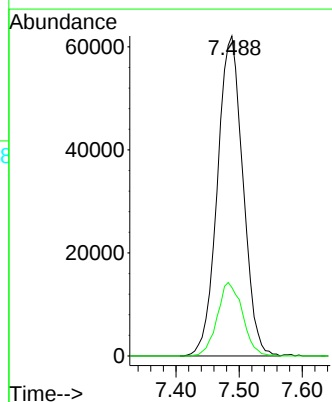
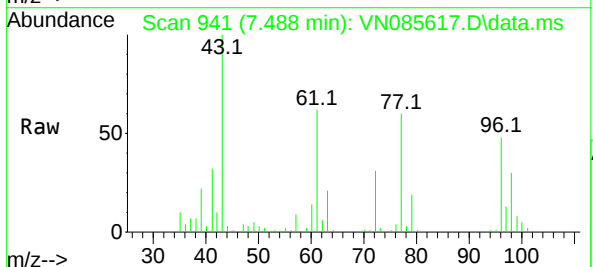
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 325763  
Ion Ratio Lower Upper  
43 100  
72 29.7 20.2 30.4



#26  
2,2-Dichloropropane  
Concen: 47.156 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

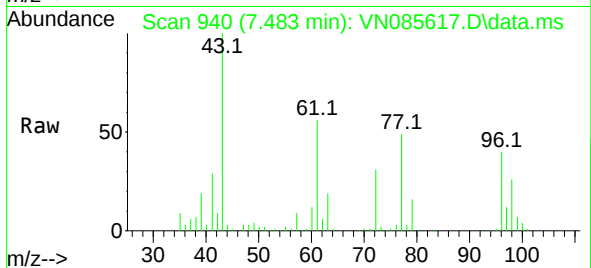
Tgt Ion: 77 Resp: 174244  
Ion Ratio Lower Upper  
77 100  
97 22.7 10.7 32.1





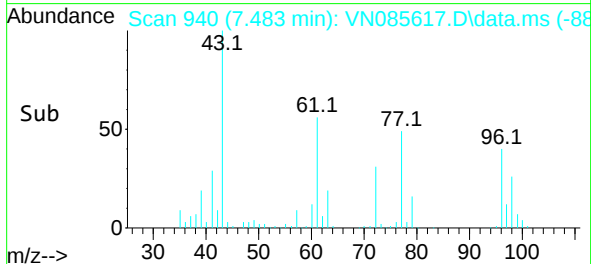
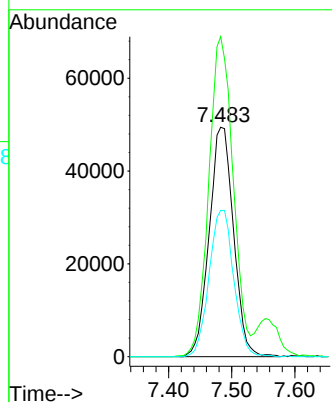
#27  
 cis-1,2-Dichloroethene  
 Concen: 50.547 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 96 Resp: 132413

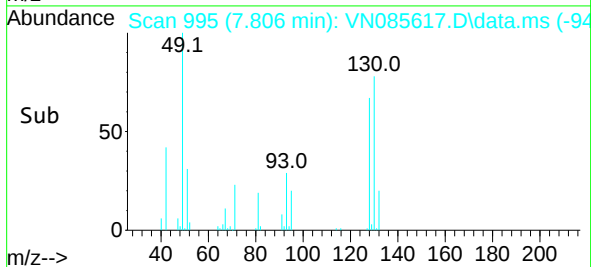
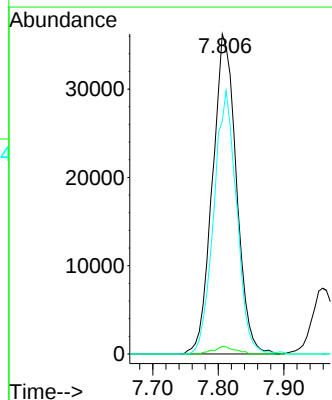
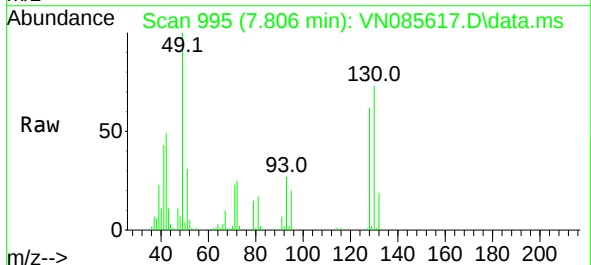
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 139.7 | 0.0   | 311.8 |
| 98  | 64.6  | 0.0   | 126.0 |

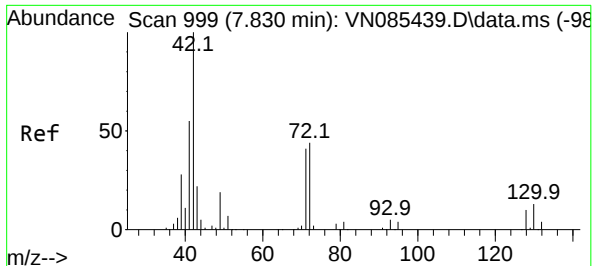


#28  
 Bromochloromethane  
 Concen: 43.090 ug/l  
 RT: 7.806 min Scan# 995  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

Tgt Ion: 49 Resp: 91622

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.1   | 0.0   | 4.4   |
| 130 | 78.8  | 55.0  | 82.4  |





#29

Tetrahydrofuran

Concen: 223.073 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

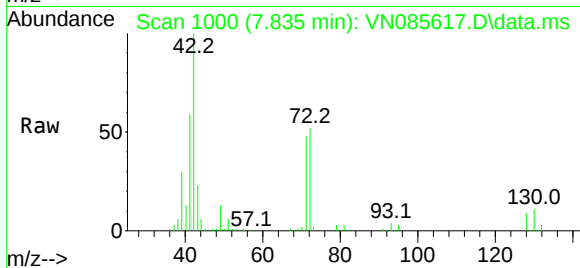
Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

ClientSampleId :



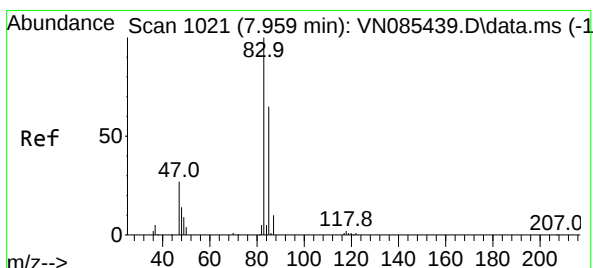
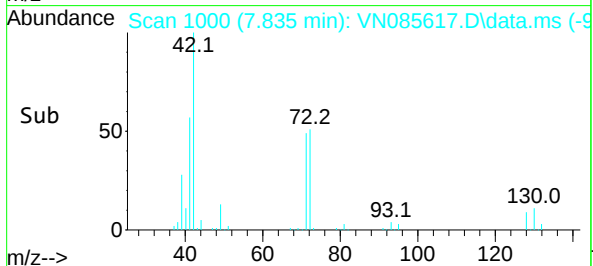
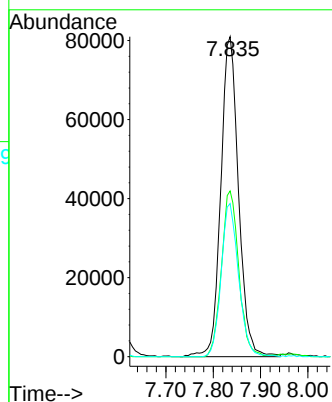
Tgt Ion: 42 Resp: 210490

Ion Ratio Lower Upper

42 100

72 50.7 34.2 51.2

71 47.1 32.5 48.7



#30

Chloroform

Concen: 48.416 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085617.D

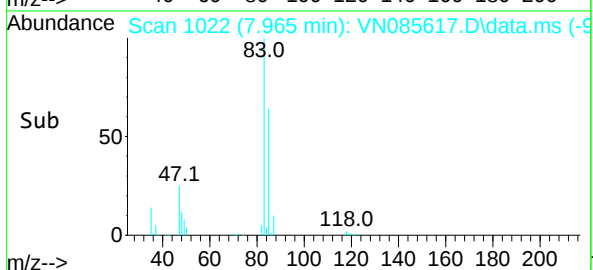
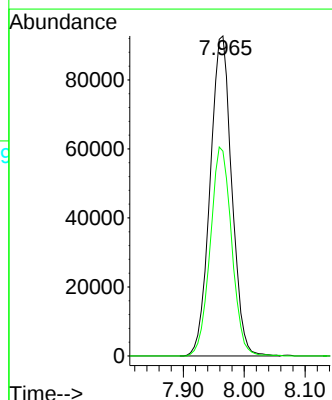
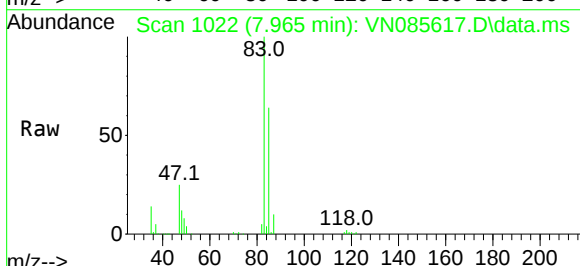
Acq: 03 Feb 2025 12:56

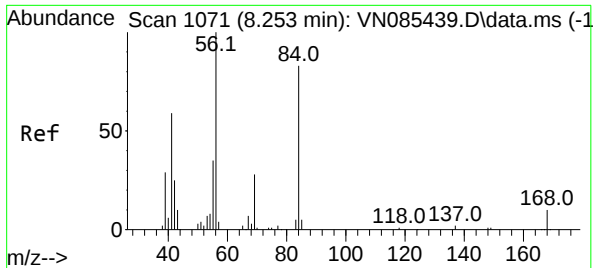
Tgt Ion: 83 Resp: 228697

Ion Ratio Lower Upper

83 100

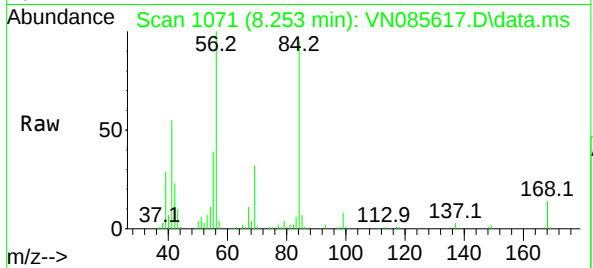
85 64.0 51.8 77.6



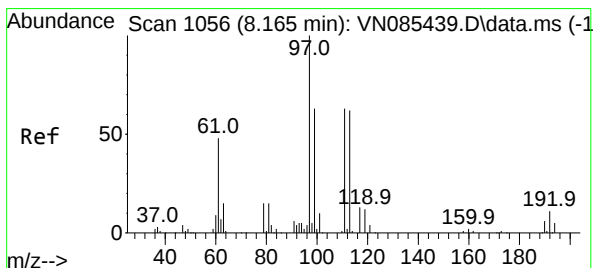
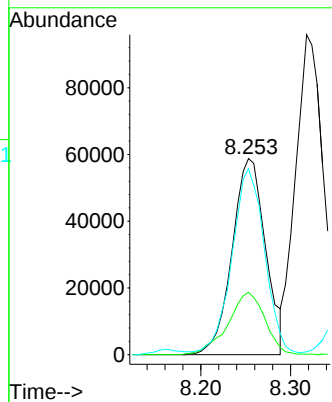
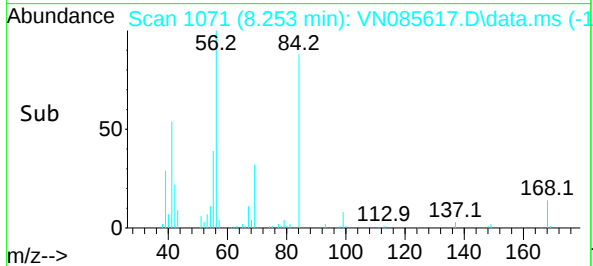


#31  
Cyclohexane  
Concen: 38.329 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

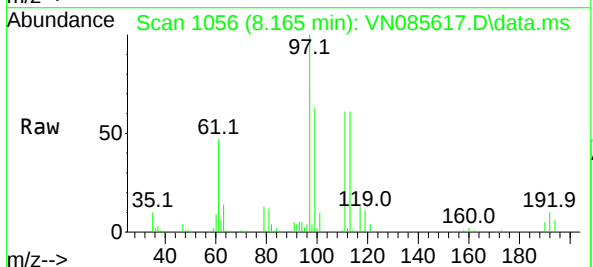
Instrument :  
MSVOA\_N  
ClientSampleId :



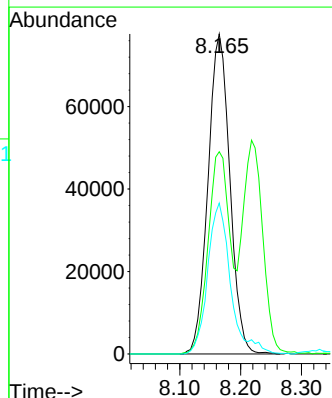
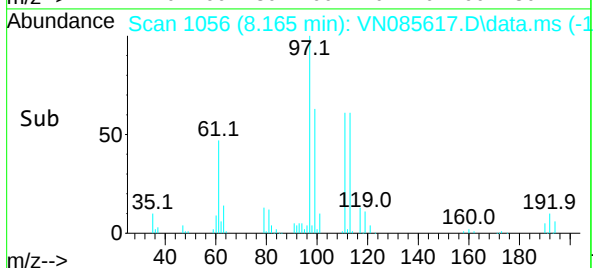
Tgt Ion: 56 Resp: 152259  
Ion Ratio Lower Upper  
56 100  
69 31.8 22.2 33.4  
84 93.1 66.4 99.6

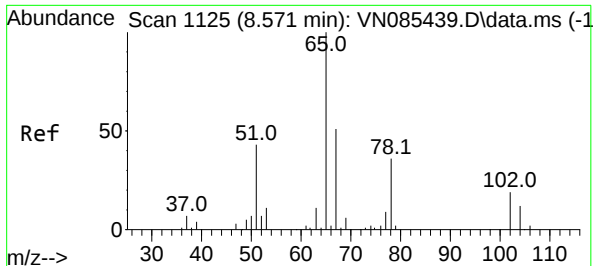


#32  
1,1,1-Trichloroethane  
Concen: 46.661 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56



Tgt Ion: 97 Resp: 193335  
Ion Ratio Lower Upper  
97 100  
99 65.0 49.8 74.6  
61 49.4 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 44.566 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

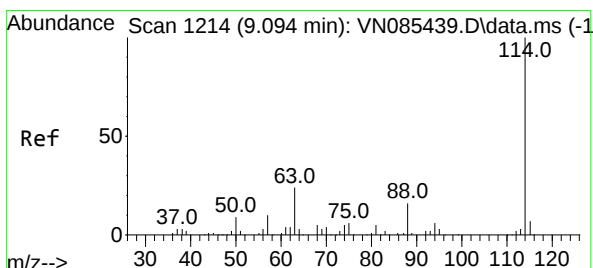
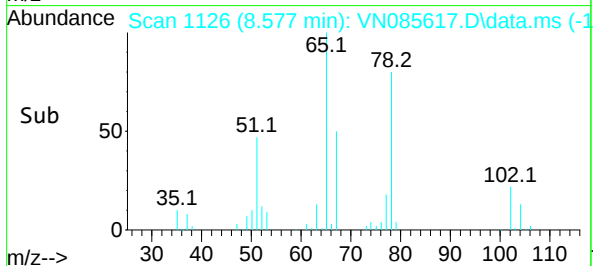
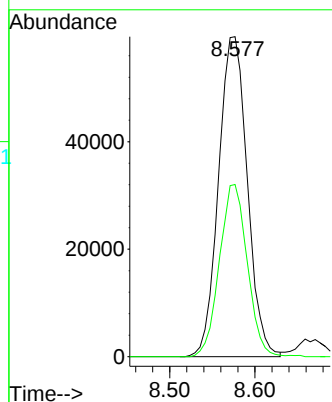
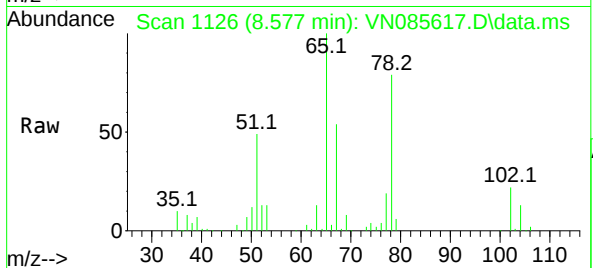
ClientSampleId :

Tgt Ion: 65 Resp: 139495

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

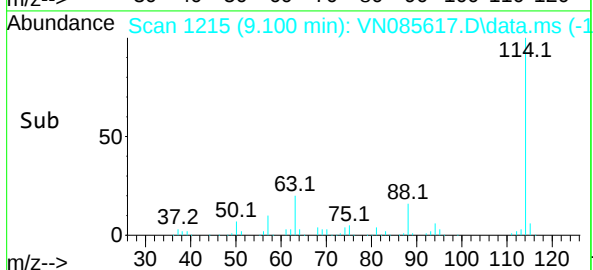
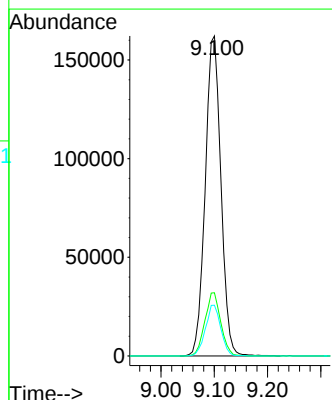
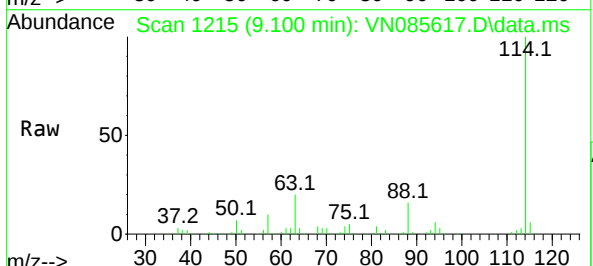
Tgt Ion: 114 Resp: 331362

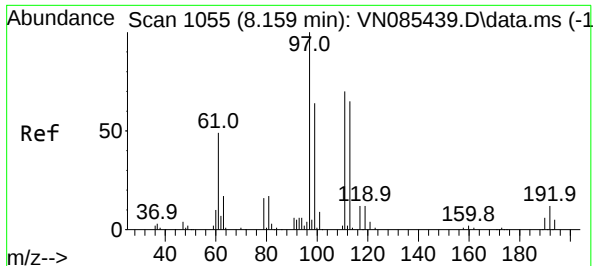
Ion Ratio Lower Upper

114 100

63 19.8 0.0 47.6

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.931 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

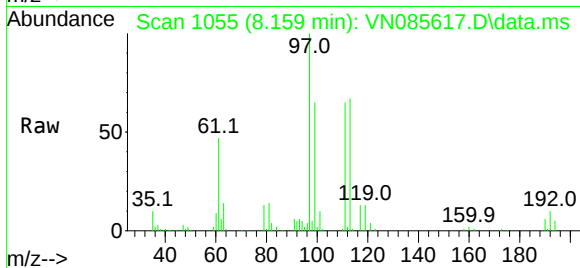
Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

ClientSampleId :



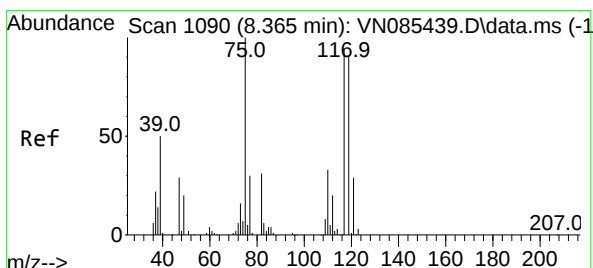
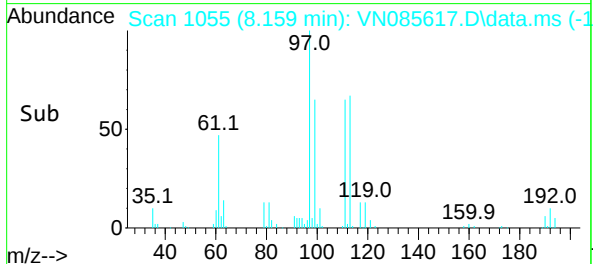
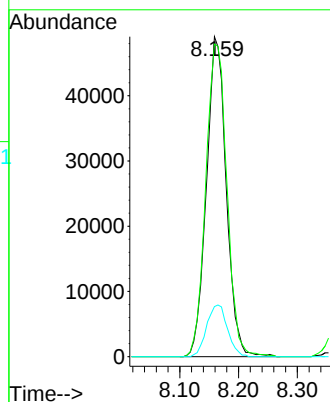
Tgt Ion:113 Resp: 114784

Ion Ratio Lower Upper

113 100

111 104.3 82.7 124.1

192 16.9 14.3 21.5



#36

1,1-Dichloropropene

Concen: 45.259 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

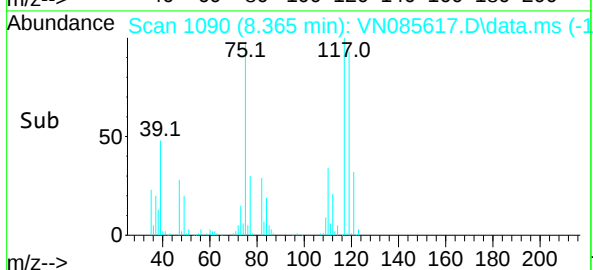
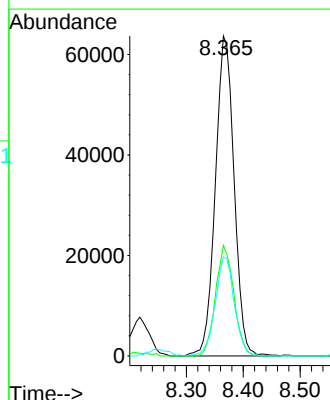
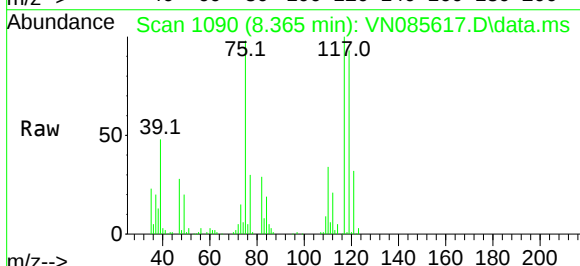
Tgt Ion: 75 Resp: 146021

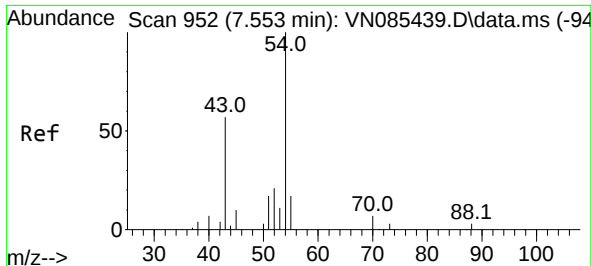
Ion Ratio Lower Upper

75 100

110 33.7 16.5 49.5

77 31.6 24.4 36.6

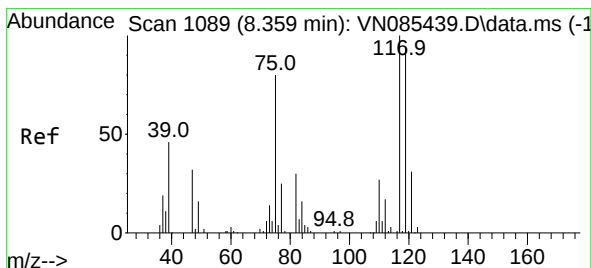
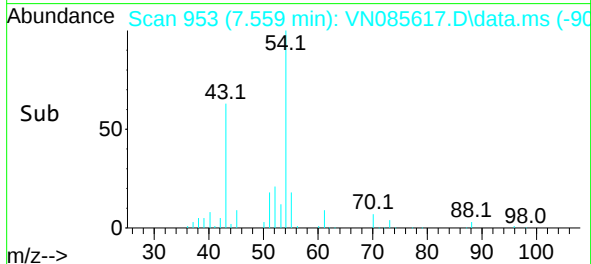
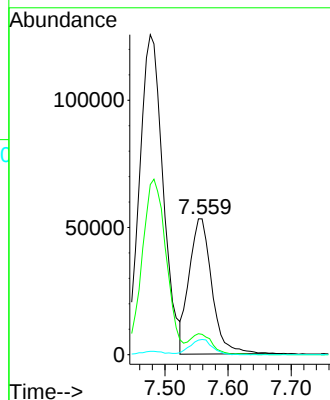
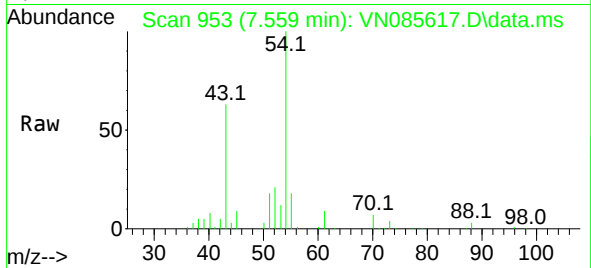




#37  
Ethyl Acetate  
Concen: 40.735 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

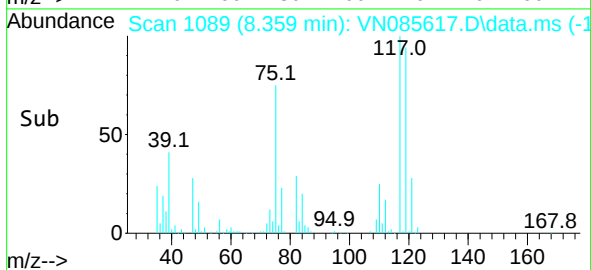
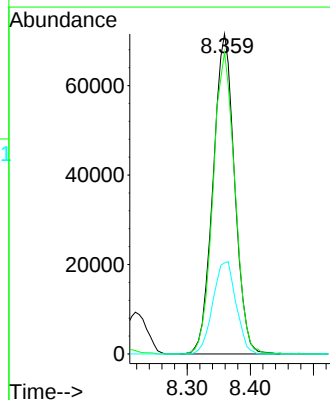
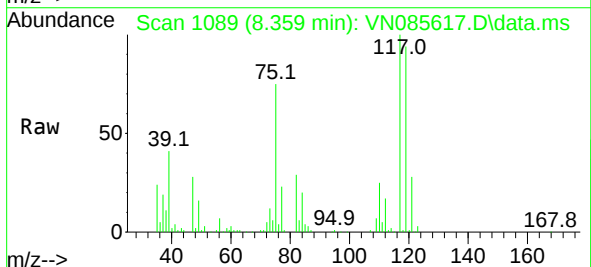
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 132656  
Ion Ratio Lower Upper  
43 100  
61 15.5 10.9 16.3  
70 11.1 7.5 11.3



#38  
Carbon Tetrachloride  
Concen: 45.902 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 117 Resp: 169547  
Ion Ratio Lower Upper  
117 100  
119 94.2 75.4 113.2  
121 28.5 24.6 37.0





#39

Methylcyclohexane

Concen: 46.593 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

ClientSampleId :

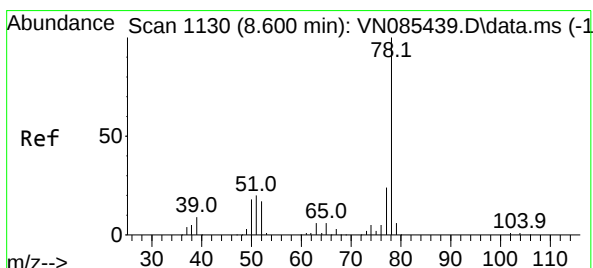
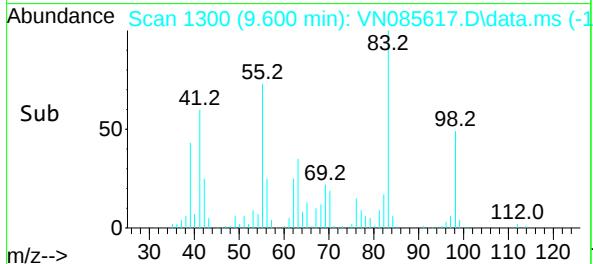
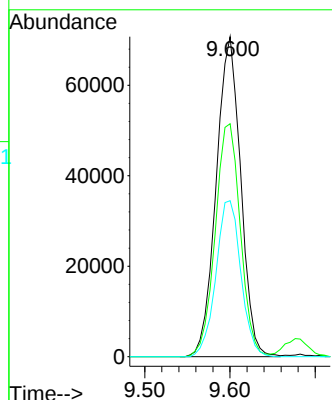
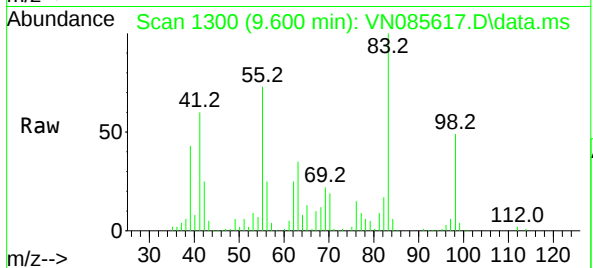
Tgt Ion: 83 Resp: 141262

Ion Ratio Lower Upper

83 100

55 72.8 62.6 94.0

98 48.7 37.7 56.5



#40

Benzene

Concen: 48.614 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085617.D

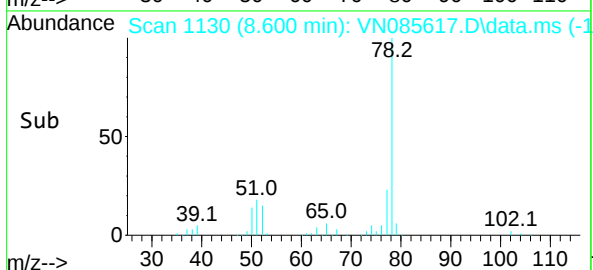
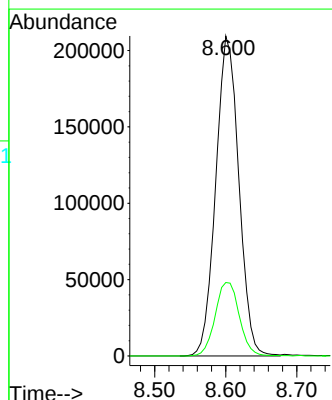
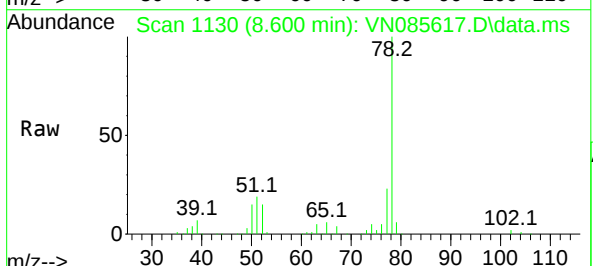
Acq: 03 Feb 2025 12:56

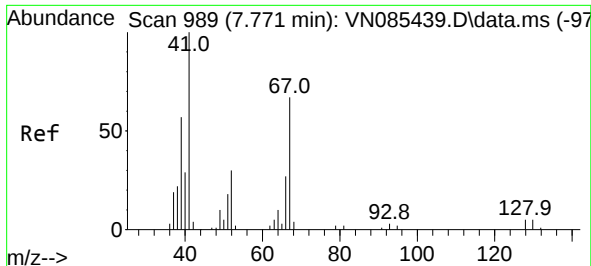
Tgt Ion: 78 Resp: 471269

Ion Ratio Lower Upper

78 100

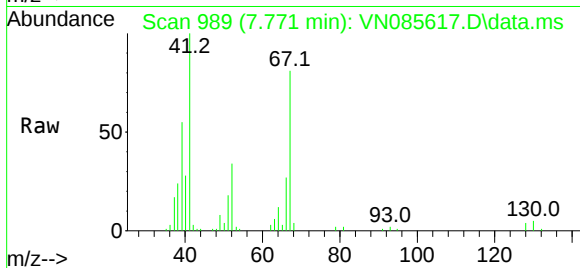
77 22.9 19.0 28.6



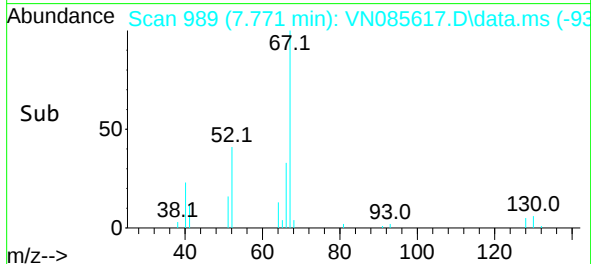
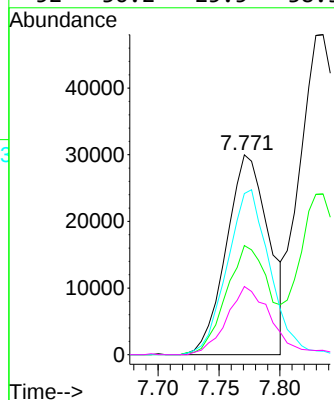


#41  
Methacrylonitrile  
Concen: 43.037 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

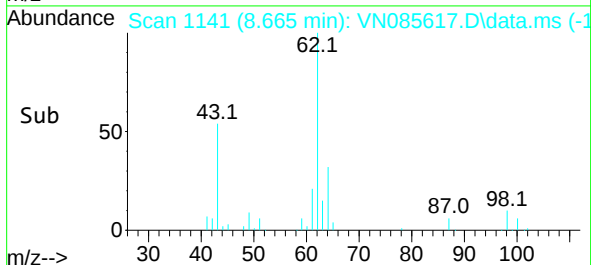
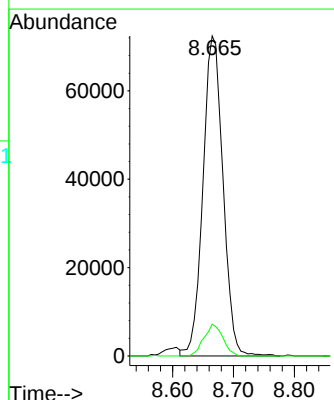
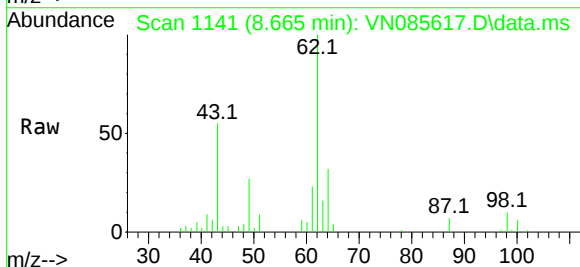


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 72917 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 55.4  | 46.0  | 69.0  |
| 67        | 82.8  | 57.4  | 86.2  |
| 52        | 36.2  | 25.5  | 38.3  |



#42  
1,2-Dichloroethane  
Concen: 45.375 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 165668 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 9.4   | 0.0   | 17.0   |

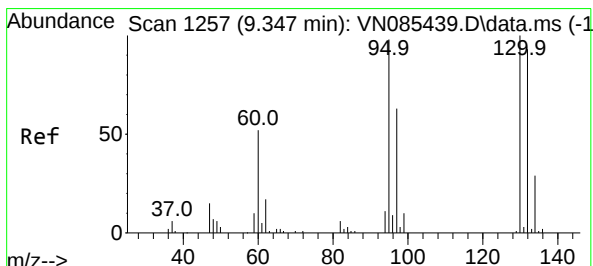
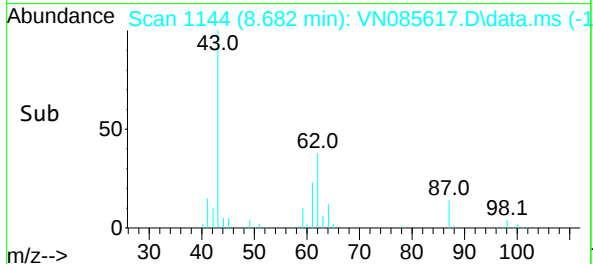
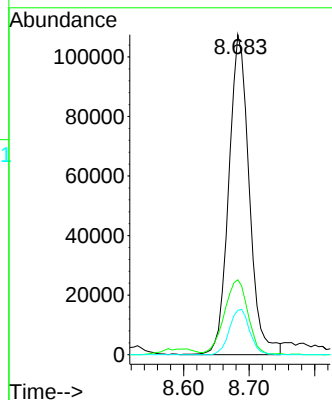
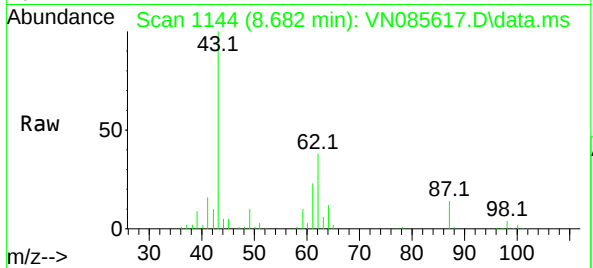




#43  
Isopropyl Acetate  
Concen: 44.700 ug/l  
RT: 8.682 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

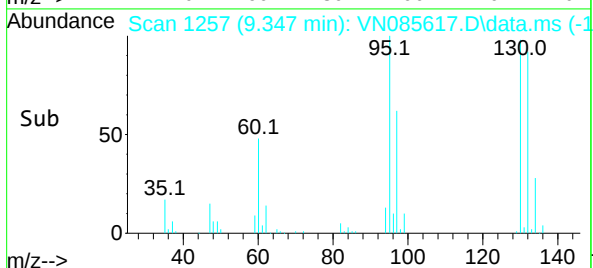
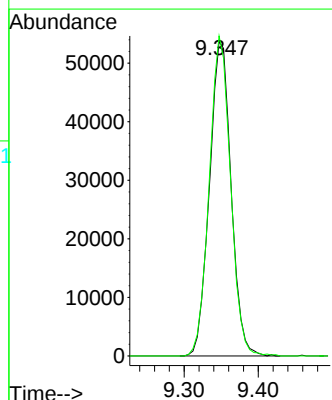
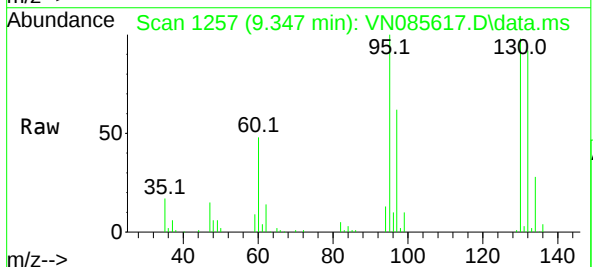
Instrument :  
MSVOA\_N  
ClientSampleId :

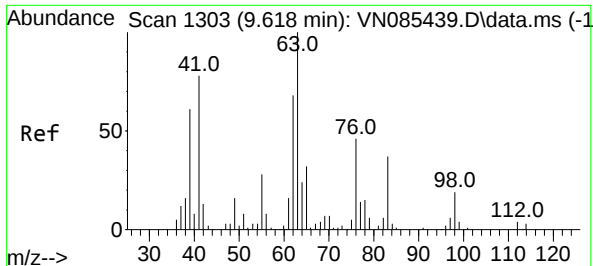
Tgt Ion: 43 Resp: 233249  
Ion Ratio Lower Upper  
43 100  
61 27.1 20.7 31.1  
87 13.9 9.8 14.8



#44  
Trichloroethene  
Concen: 48.252 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion:130 Resp: 108885  
Ion Ratio Lower Upper  
130 100  
95 101.8 0.0 195.8





#45

1,2-Dichloropropane

Concen: 48.357 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

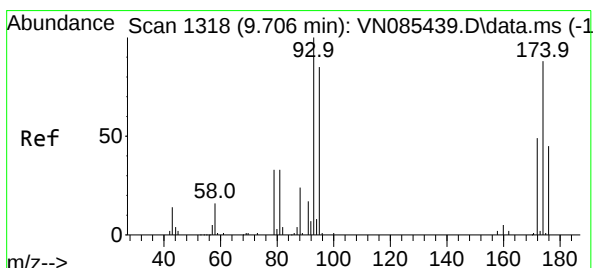
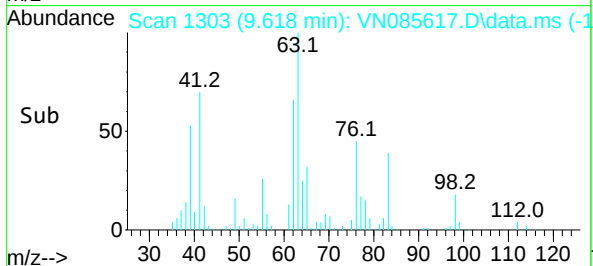
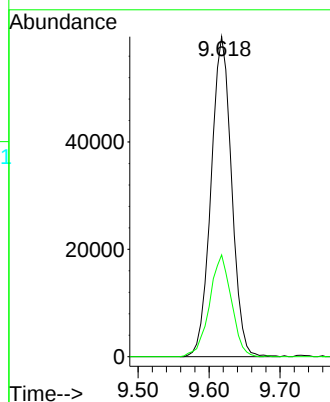
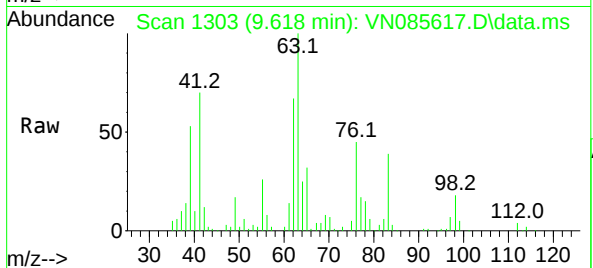
ClientSampleId :

Tgt Ion: 63 Resp: 119741

Ion Ratio Lower Upper

63 100

65 31.8 25.6 38.4



#46

Dibromomethane

Concen: 47.501 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

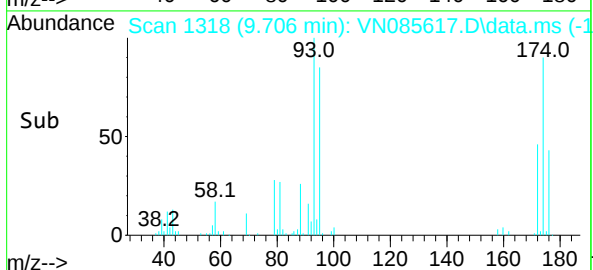
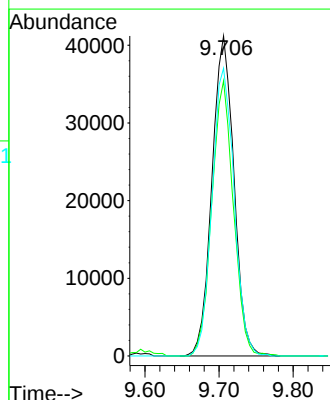
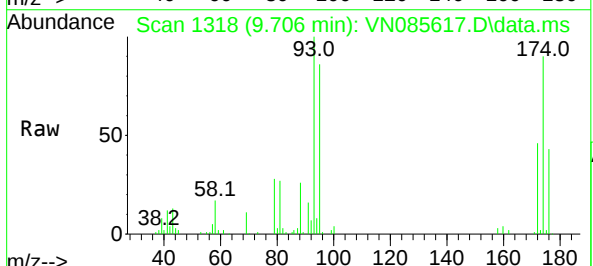
Tgt Ion: 93 Resp: 84871

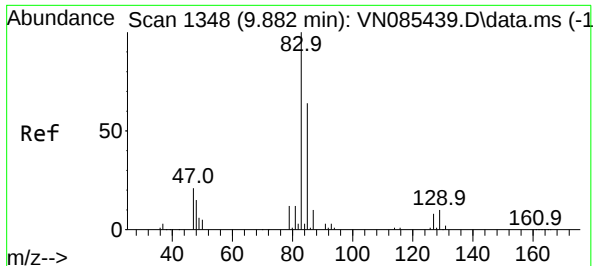
Ion Ratio Lower Upper

93 100

95 84.4 64.7 97.1

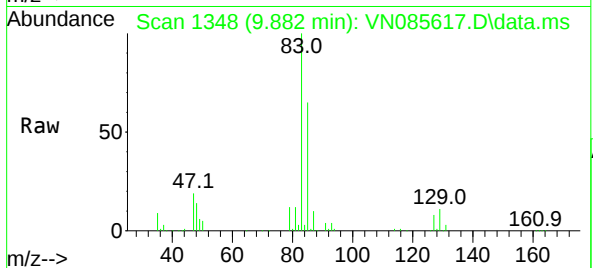
174 90.3 69.0 103.4



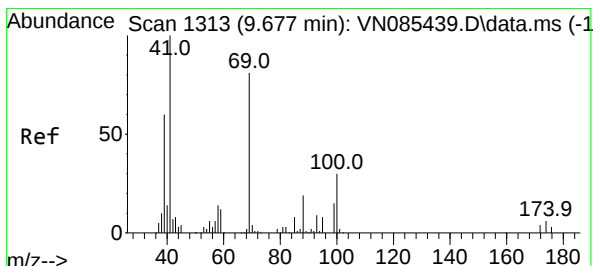
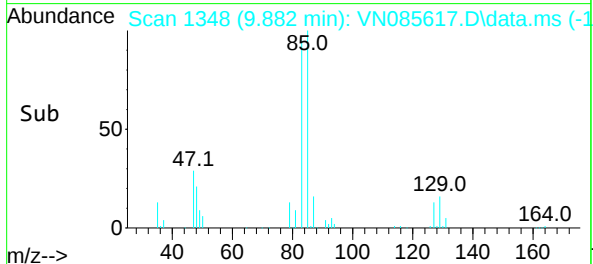
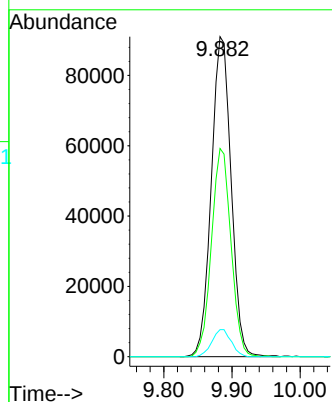


#47  
Bromodichloromethane  
Concen: 50.527 ug/l  
RT: 9.882 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

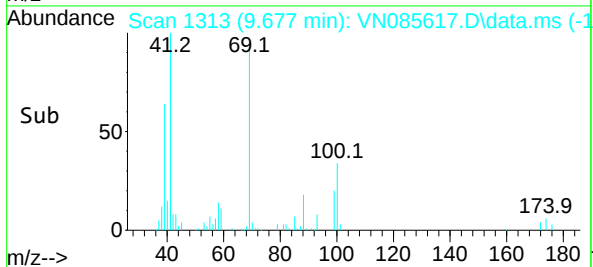
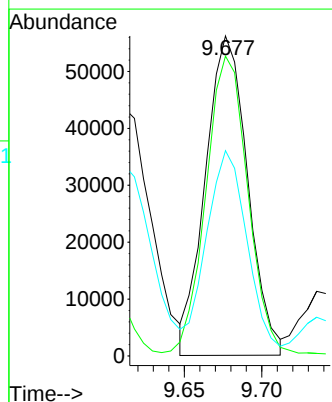
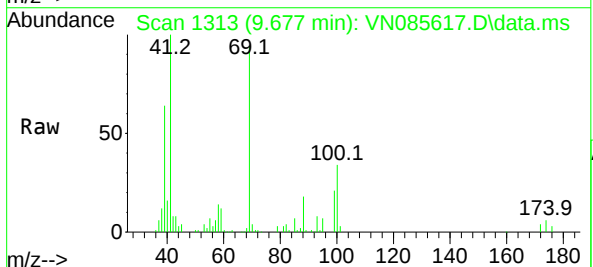


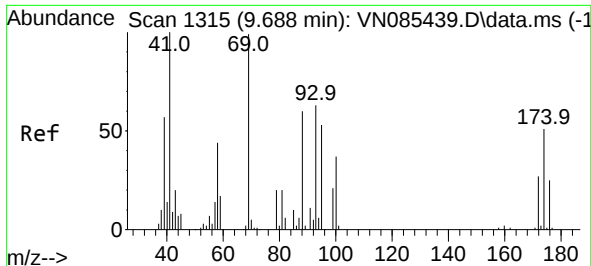
Tgt Ion: 83 Resp: 183920  
Ion Ratio Lower Upper  
83 100  
85 65.1 51.2 76.8  
127 8.5 6.5 9.7



#48  
Methyl methacrylate  
Concen: 45.301 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 41 Resp: 106379  
Ion Ratio Lower Upper  
41 100  
69 93.6 64.7 97.1  
39 62.5 49.0 73.6

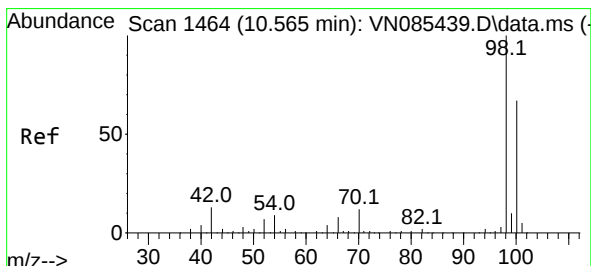
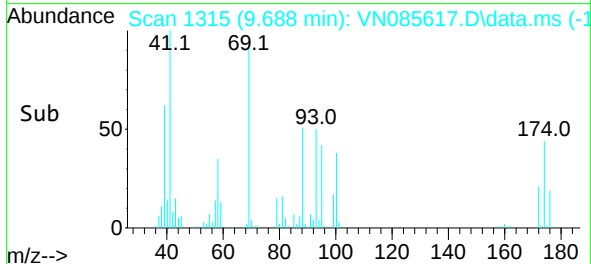
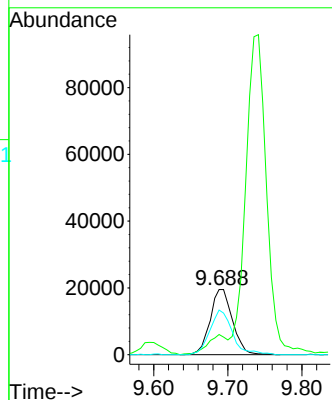
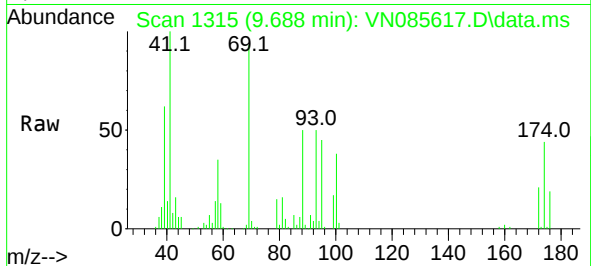




#49  
1,4-Dioxane  
Concen: 1035.537 ug/l  
RT: 9.688 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

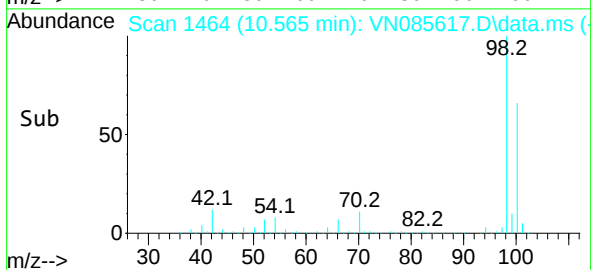
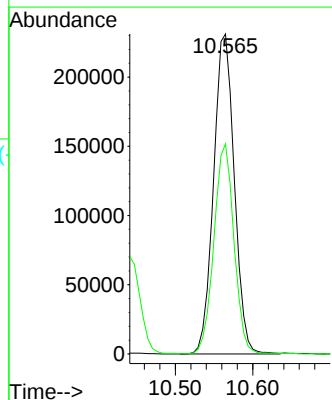
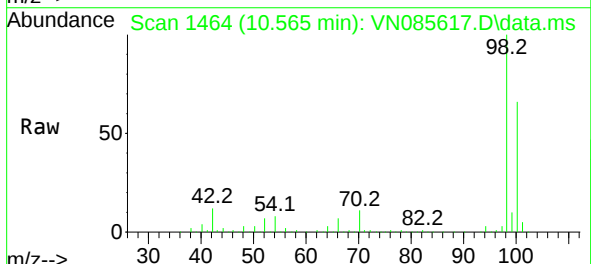
Instrument :  
MSVOA\_N  
ClientSampleId :

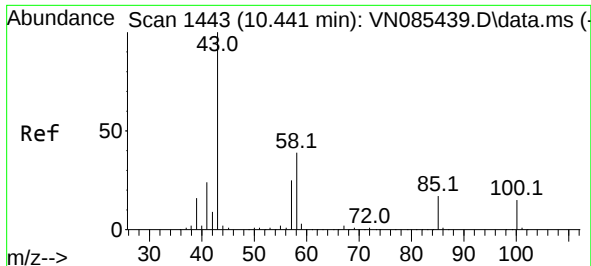
Tgt Ion: 88 Resp: 40950  
Ion Ratio Lower Upper  
88 100  
43 26.9 26.6 39.8  
58 69.0 59.5 89.3



#50  
Toluene-d8  
Concen: 52.598 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 98 Resp: 429609  
Ion Ratio Lower Upper  
98 100  
100 63.4 52.2 78.4

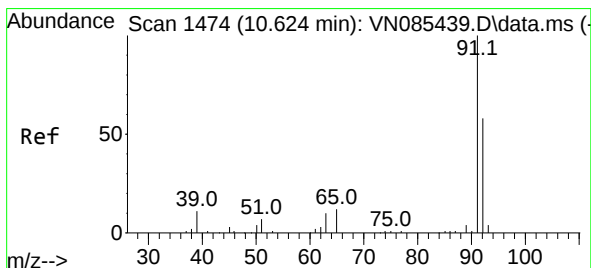
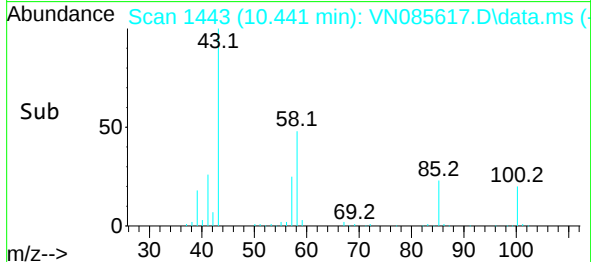
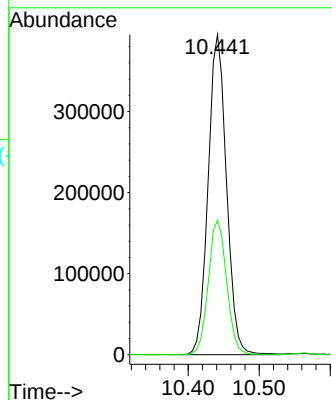
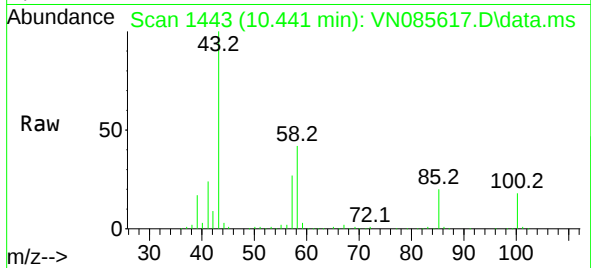




#51  
4-Methyl-2-Pentanone  
Concen: 233.994 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

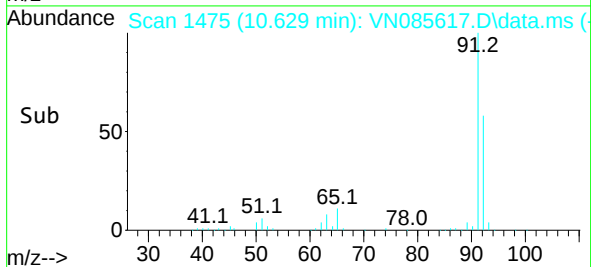
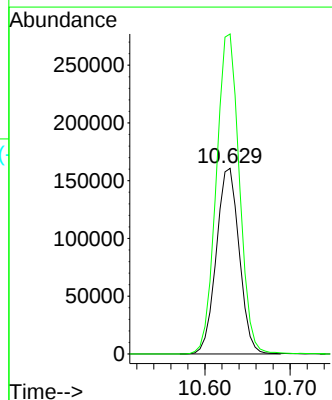
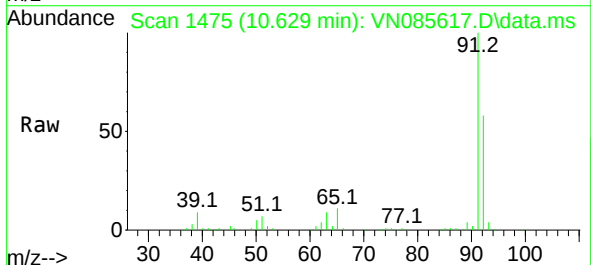
Instrument :  
MSVOA\_N  
ClientSampleId :

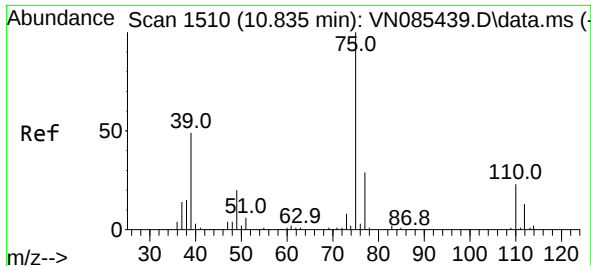
Tgt Ion: 43 Resp: 708536  
Ion Ratio Lower Upper  
43 100  
58 42.0 30.5 45.7



#52  
Toluene  
Concen: 53.534 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.005 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 92 Resp: 300704  
Ion Ratio Lower Upper  
92 100  
91 173.9 139.2 208.8

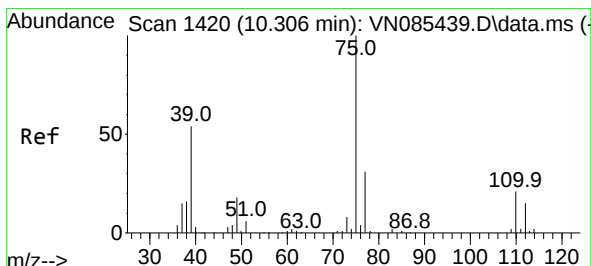
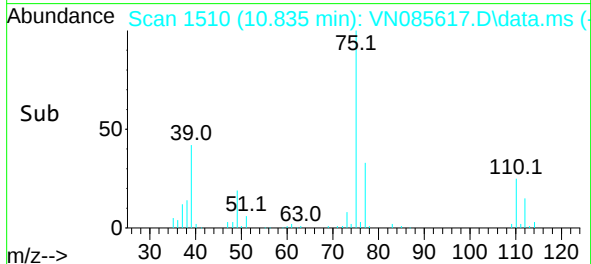
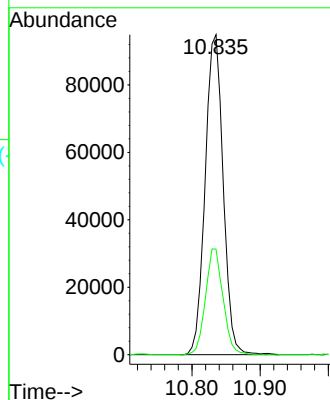
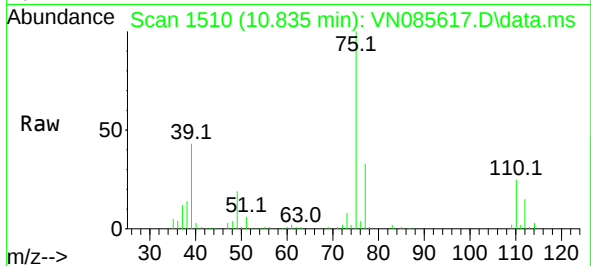




#53  
 t-1,3-Dichloropropene  
 Concen: 50.697 ug/l  
 RT: 10.835 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

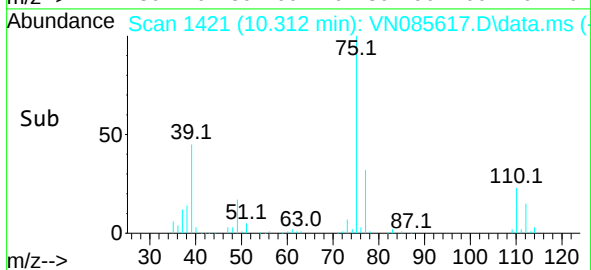
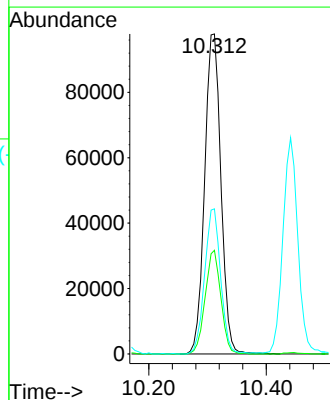
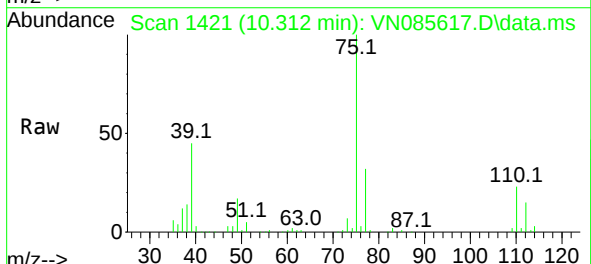
Instrument :  
 MSVOA\_N  
 ClientSampleId :

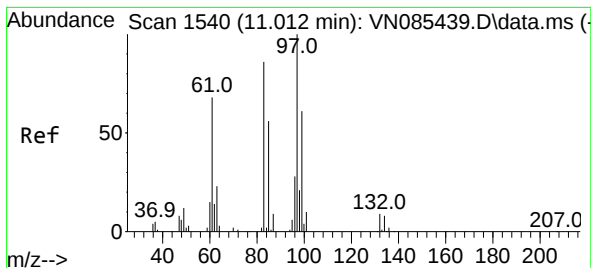
Tgt Ion: 75 Resp: 174396  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 23.5 35.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.107 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.006 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

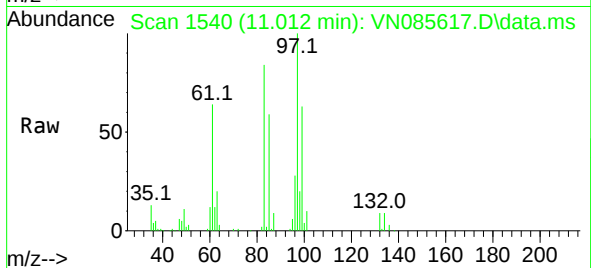
Tgt Ion: 75 Resp: 187791  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 25.0 37.4  
 39 45.3 43.1 64.7





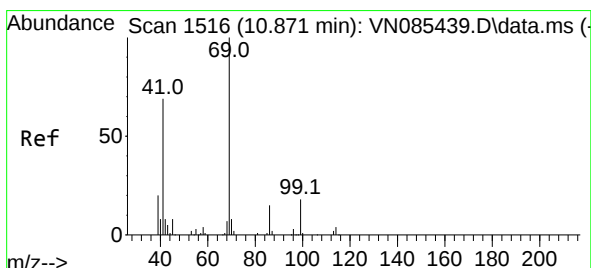
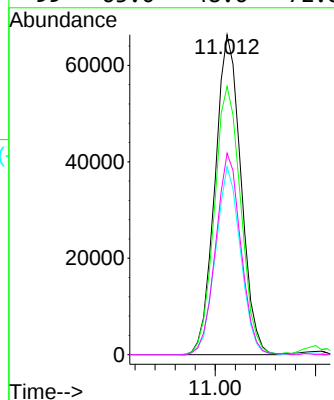
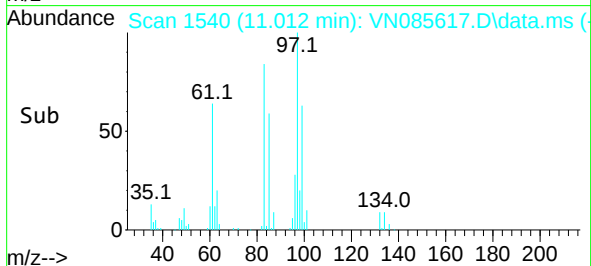
#55  
1,1,2-Trichloroethane  
Concen: 53.625 ug/l  
RT: 11.012 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 97 Resp: 119203

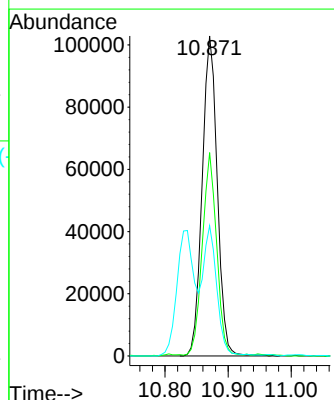
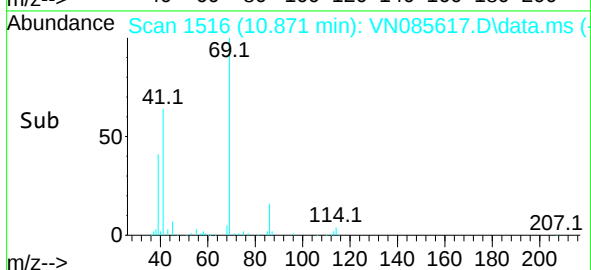
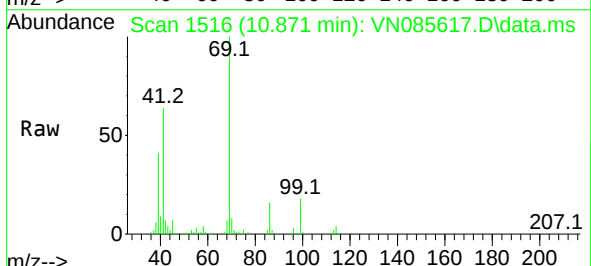
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.8  | 69.0  | 103.6 |
| 85  | 58.8  | 44.6  | 66.8  |
| 99  | 63.0  | 48.6  | 72.8  |

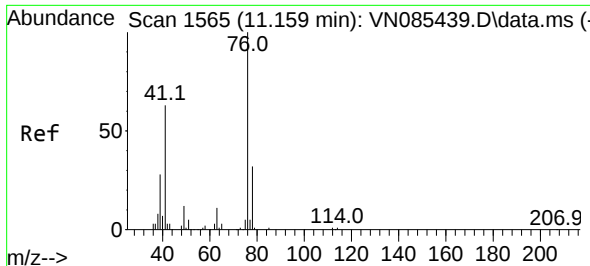


#56  
Ethyl methacrylate  
Concen: 45.764 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 69 Resp: 170732

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 59.8  | 54.6  | 82.0  |
| 39  | 36.3  | 32.4  | 48.6  |





#57

1,3-Dichloropropane

Concen: 52.111 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

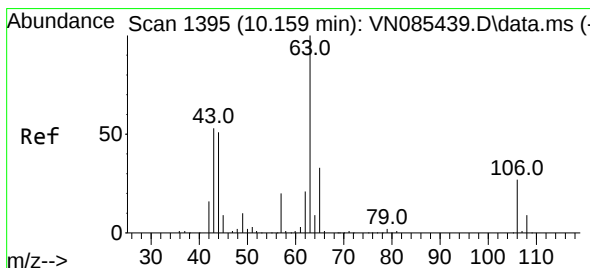
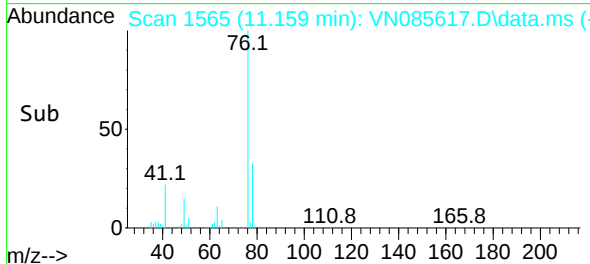
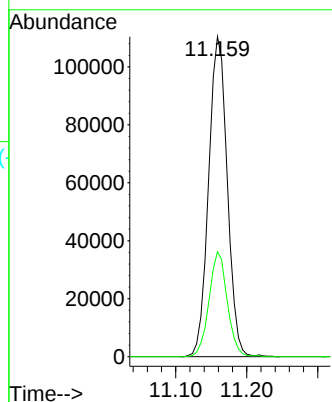
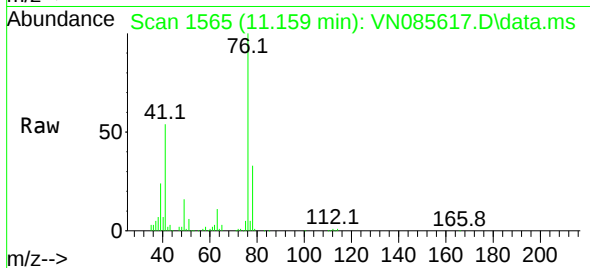
ClientSampleId :

Tgt Ion: 76 Resp: 201421

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 241.104 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085617.D

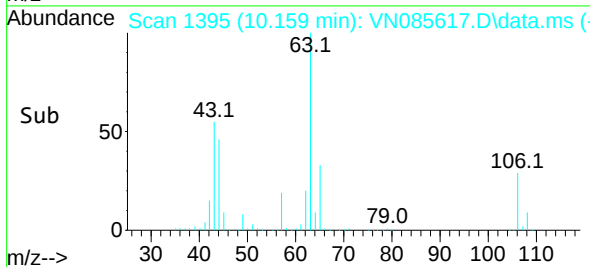
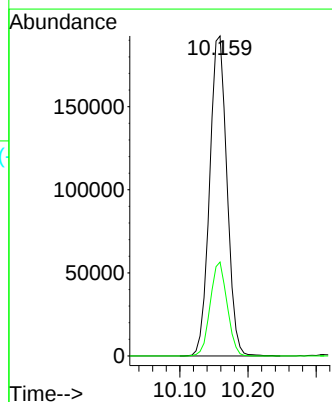
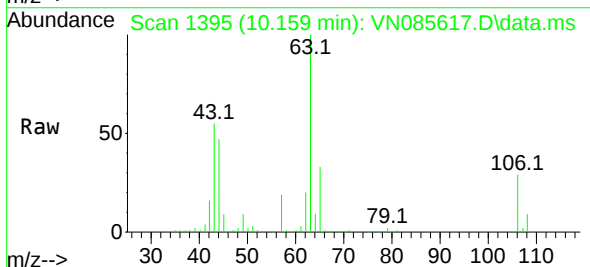
Acq: 03 Feb 2025 12:56

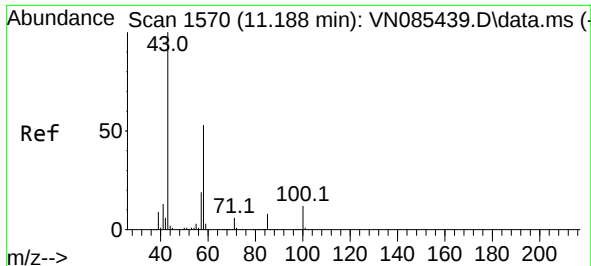
Tgt Ion: 63 Resp: 340114

Ion Ratio Lower Upper

63 100

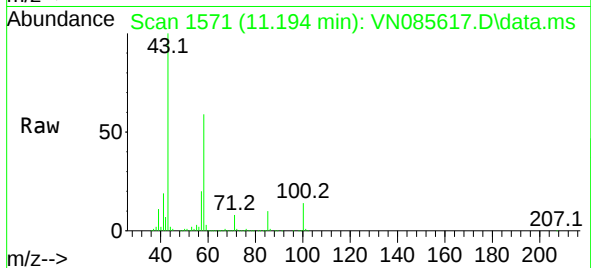
106 28.6 21.6 32.4



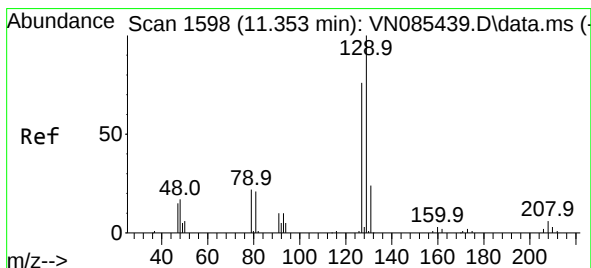
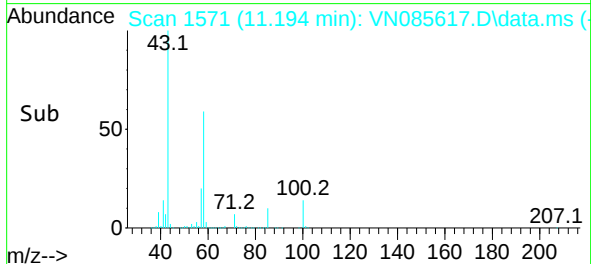
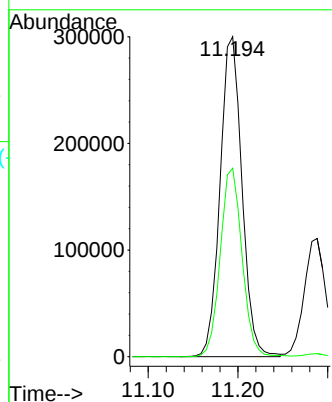


#59  
2-Hexanone  
Concen: 238.718 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Instrument :  
MSVOA\_N  
ClientSampleId :

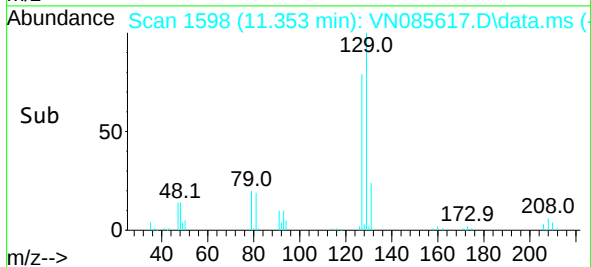
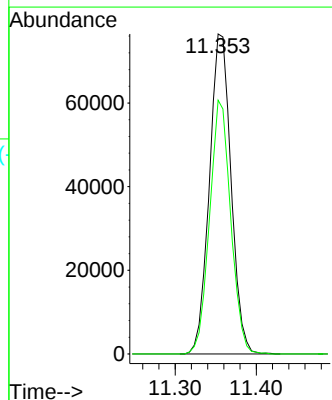
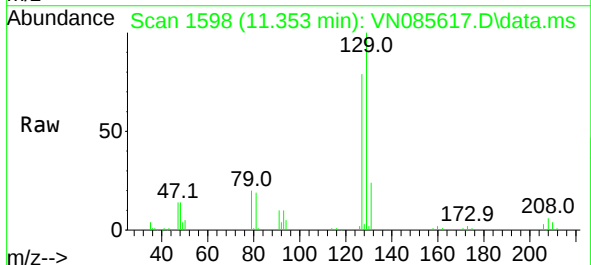


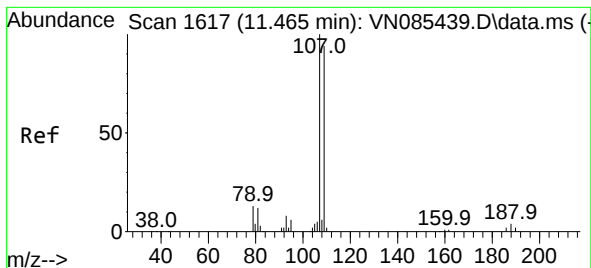
Tgt Ion: 43 Resp: 508614  
Ion Ratio Lower Upper  
43 100  
58 58.6 26.2 78.6



#60  
Dibromochloromethane  
Concen: 52.795 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion:129 Resp: 141685  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.6 115.8

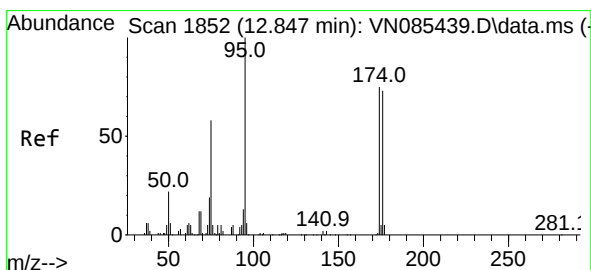
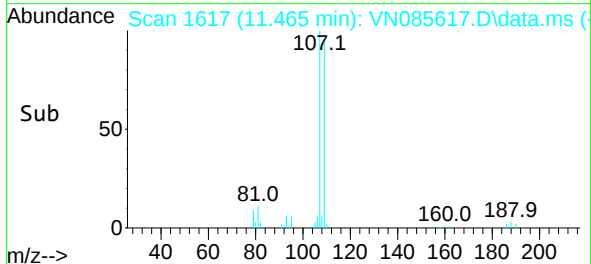
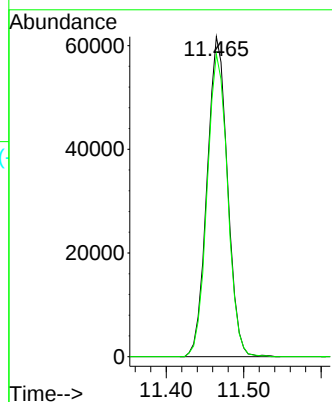
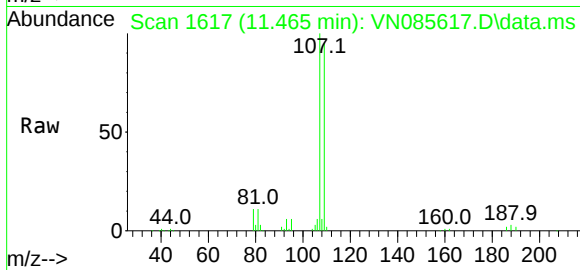




#61  
1,2-Dibromoethane  
Concen: 50.994 ug/l  
RT: 11.465 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

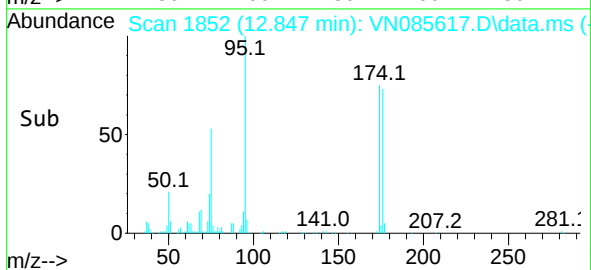
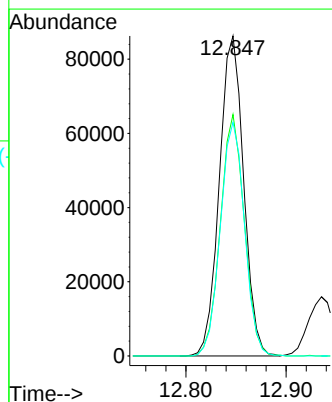
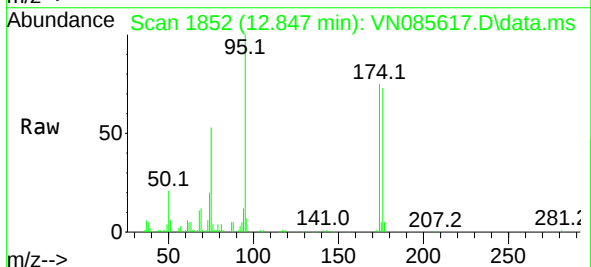
Instrument :  
MSVOA\_N  
ClientSampleId :

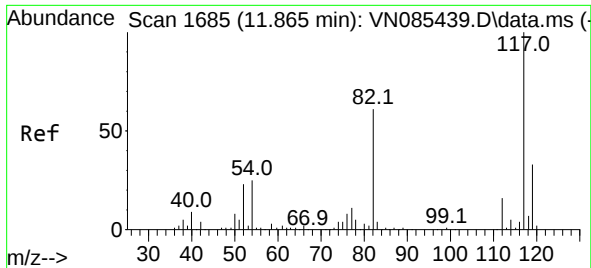
Tgt Ion:107 Resp: 112834  
Ion Ratio Lower Upper  
107 100  
109 94.9 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 51.906 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 95 Resp: 145023  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 145.0  
176 72.7 0.0 142.4

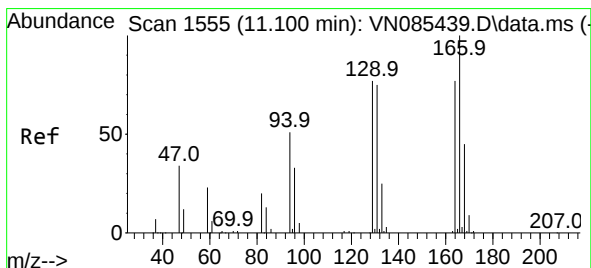
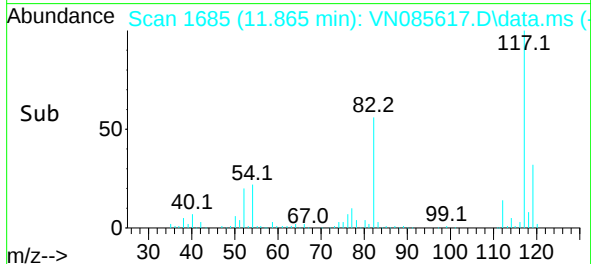
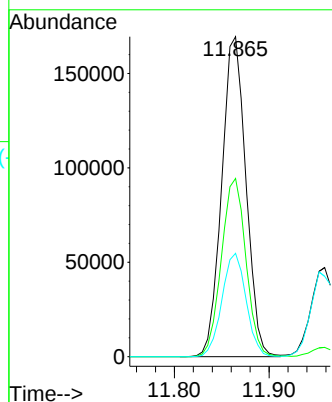
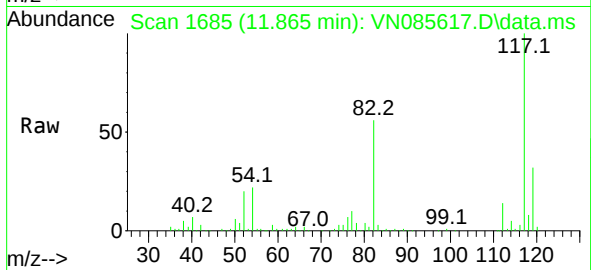




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

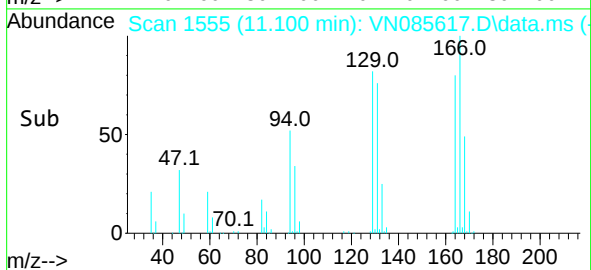
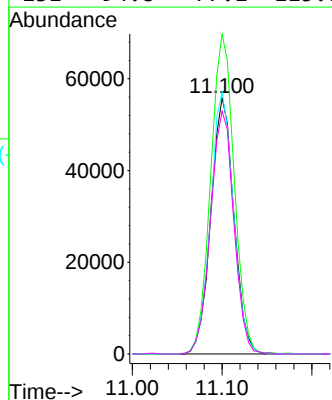
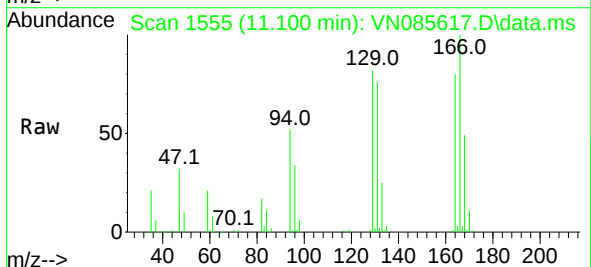
Instrument :  
MSVOA\_N  
ClientSampleId :

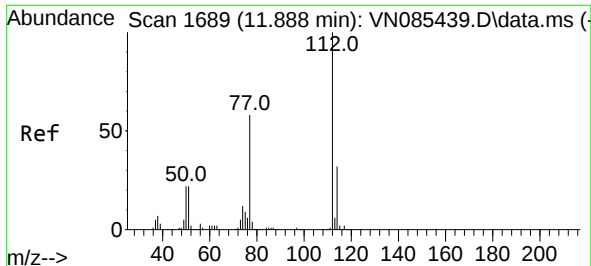
Tgt Ion:117 Resp: 301323  
Ion Ratio Lower Upper  
117 100  
82 55.7 48.6 72.8  
119 32.3 26.6 39.8



#64  
Tetrachloroethene  
Concen: 48.451 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion:164 Resp: 99530  
Ion Ratio Lower Upper  
164 100  
166 125.0 103.4 155.2  
129 102.2 79.2 118.8  
131 94.8 77.1 115.7

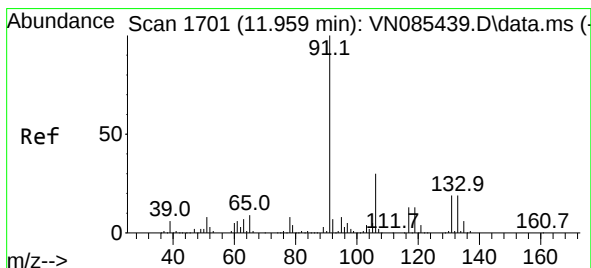
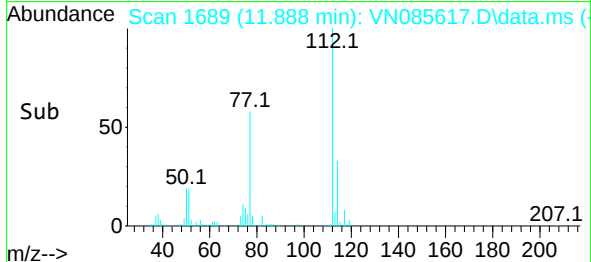
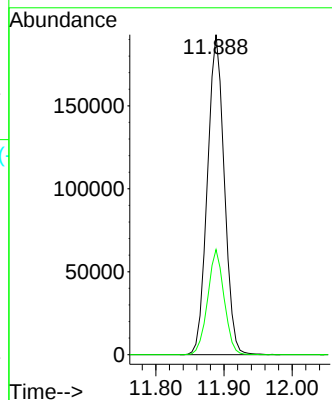
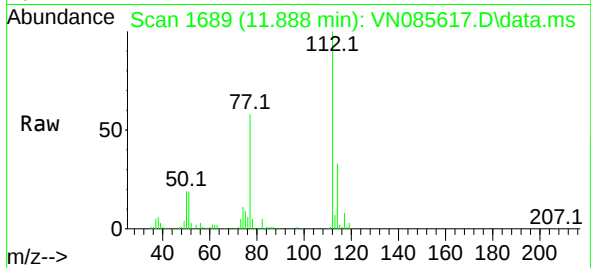




#65  
Chlorobenzene  
Concen: 50.273 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

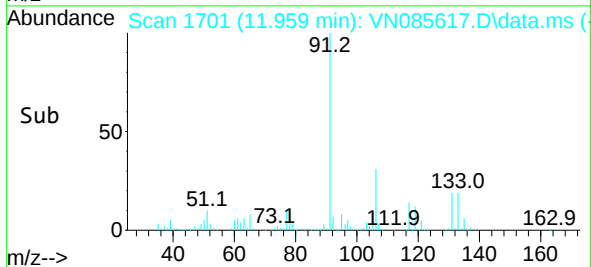
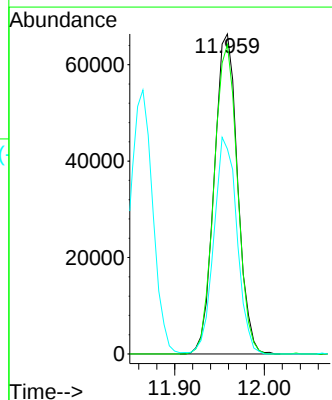
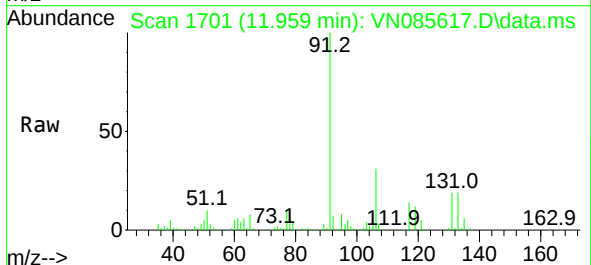
Instrument :  
MSVOA\_N  
ClientSampleId :

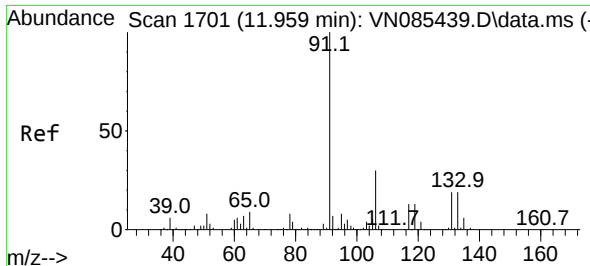
Tgt Ion:112 Resp: 331849  
Ion Ratio Lower Upper  
112 100  
114 32.9 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.526 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion:131 Resp: 119985  
Ion Ratio Lower Upper  
131 100  
133 96.7 47.4 142.3  
119 67.0 33.1 99.5

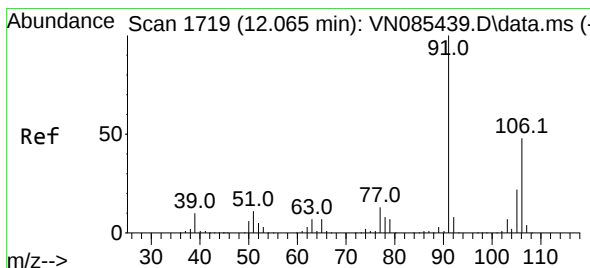
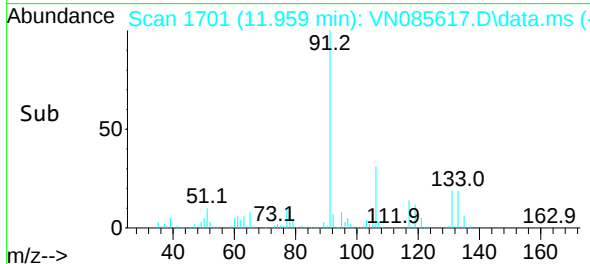
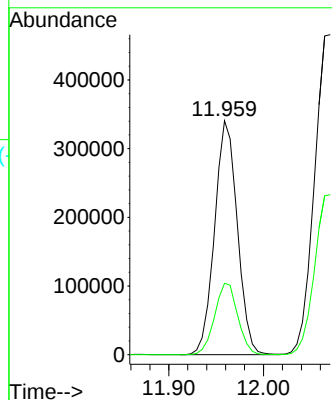
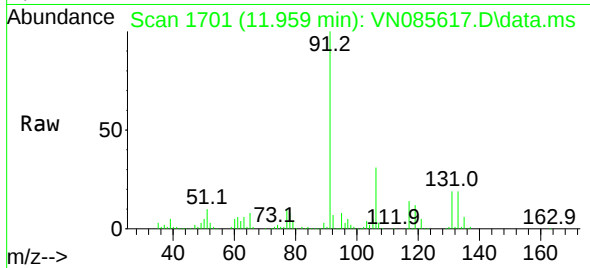




#67  
Ethyl Benzene  
Concen: 52.793 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

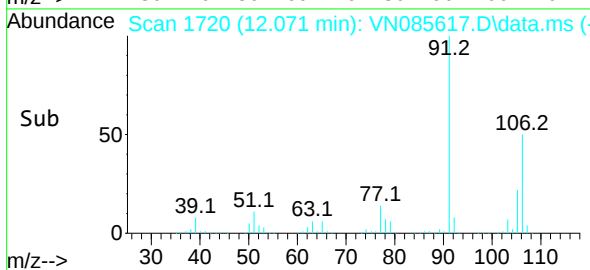
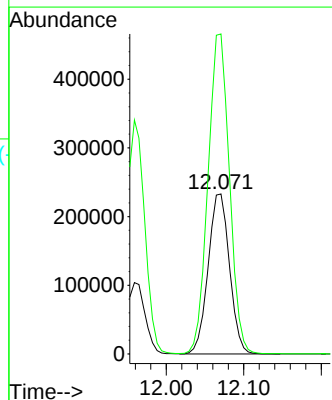
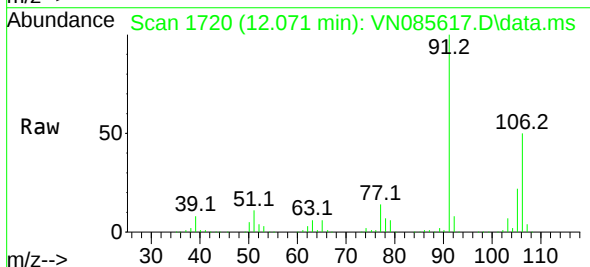
Instrument :  
MSVOA\_N  
ClientSampleId :

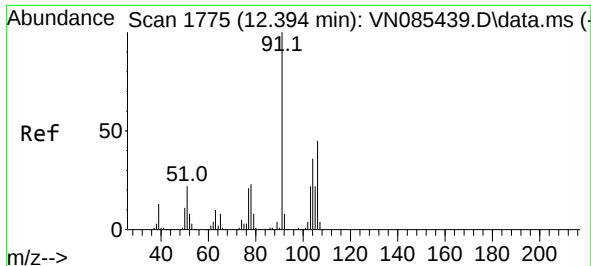
Tgt Ion: 91 Resp: 567591  
Ion Ratio Lower Upper  
91 100  
106 30.5 23.8 35.8



#68  
m/p-Xylenes  
Concen: 112.274 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion:106 Resp: 446120  
Ion Ratio Lower Upper  
106 100  
91 200.5 167.7 251.5

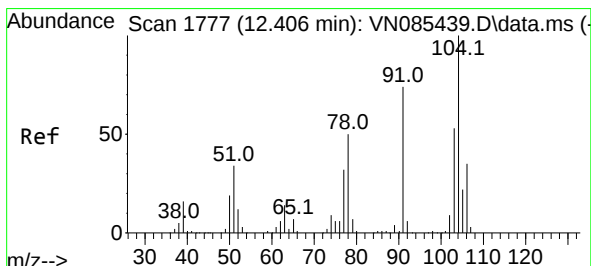
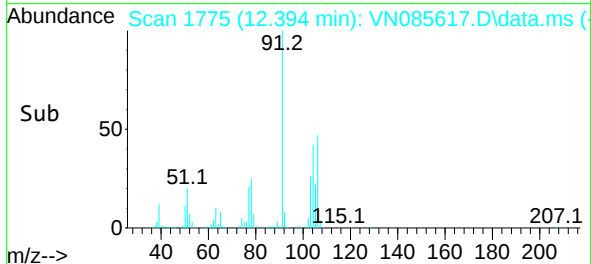
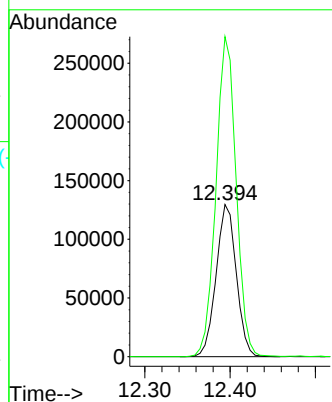
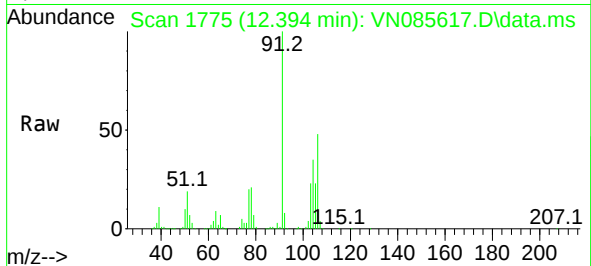




#69  
o-Xylene  
Concen: 56.132 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

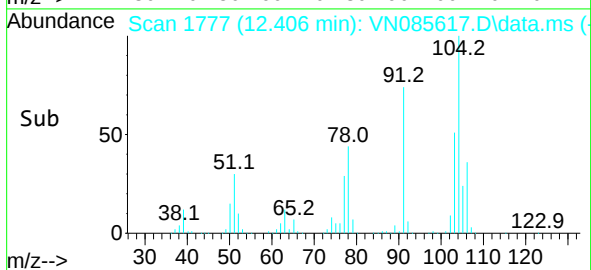
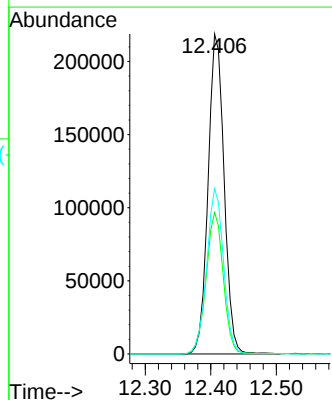
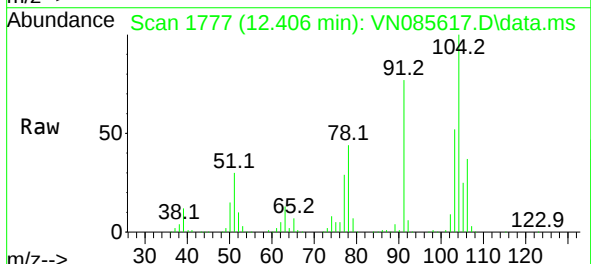
Instrument :  
MSVOA\_N  
ClientSampleId :

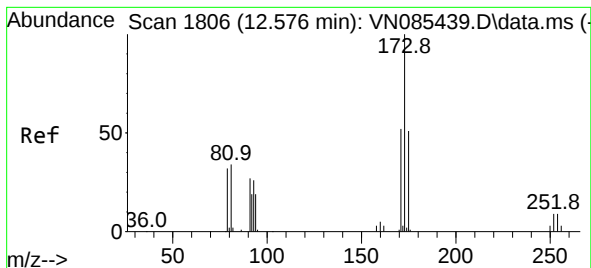
Tgt Ion:106 Resp: 213152  
Ion Ratio Lower Upper  
106 100  
91 210.1 110.4 331.2



#70  
Styrene  
Concen: 59.204 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion:104 Resp: 372069  
Ion Ratio Lower Upper  
104 100  
78 47.4 42.5 63.7  
103 54.7 43.8 65.8





#71

Bromoform

Concen: 51.832 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

ClientSampleId :

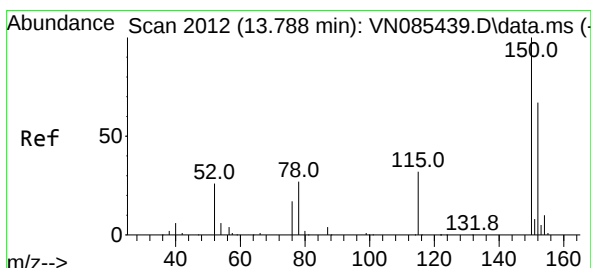
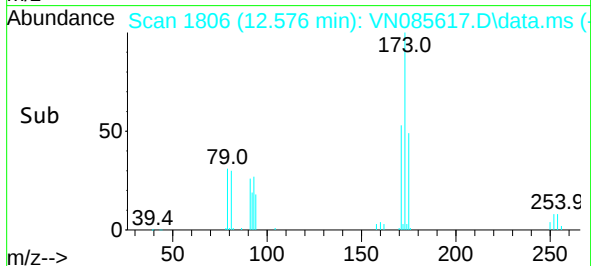
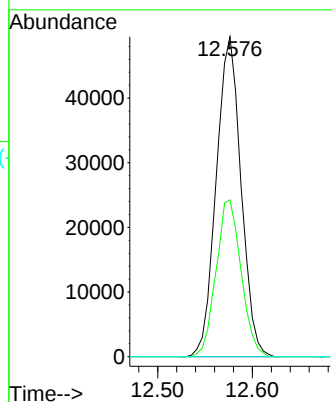
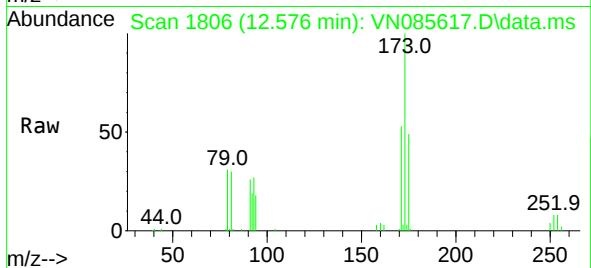
Tgt Ion:173 Resp: 89849

Ion Ratio Lower Upper

173 100

175 49.5 24.4 73.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

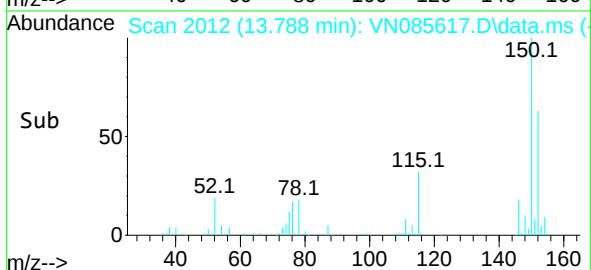
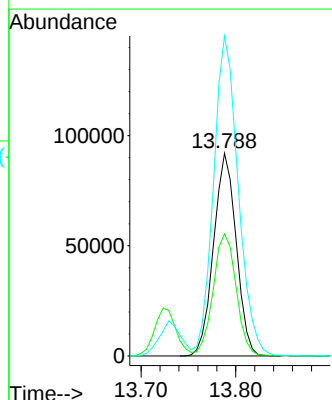
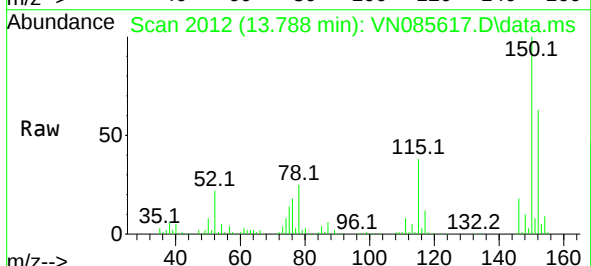
Tgt Ion:152 Resp: 152662

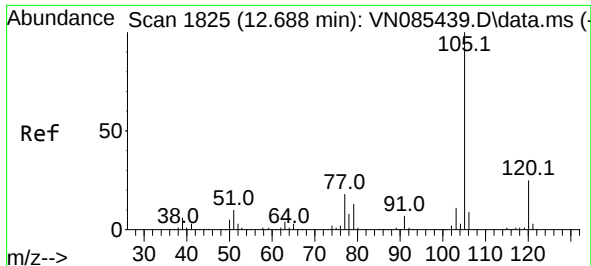
Ion Ratio Lower Upper

152 100

115 61.5 31.1 93.3

150 172.3 0.0 343.6

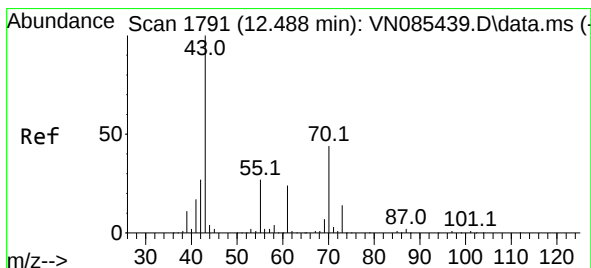
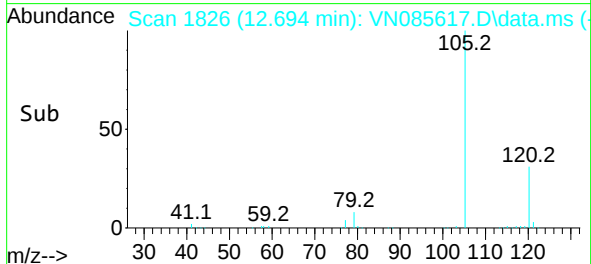
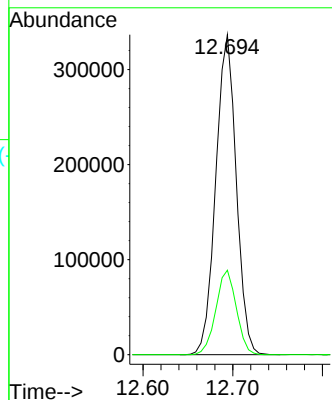
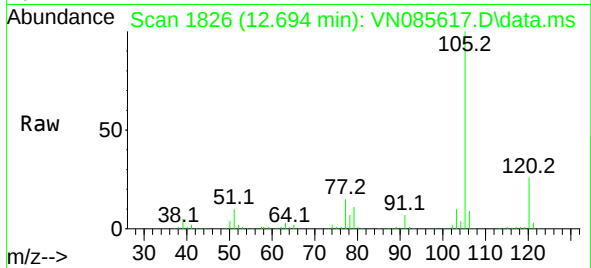




#73  
Isopropylbenzene  
Concen: 51.773 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

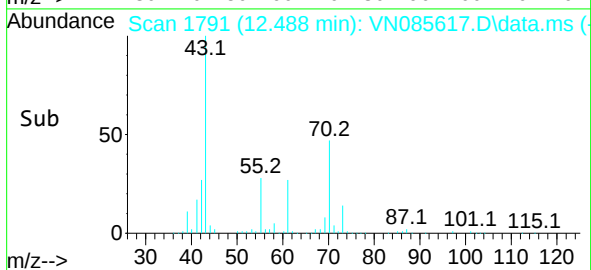
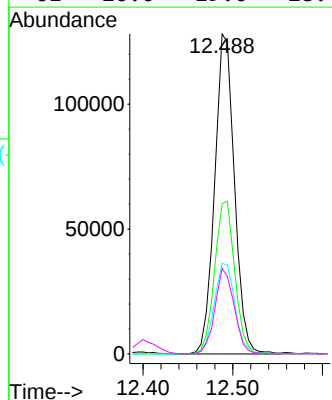
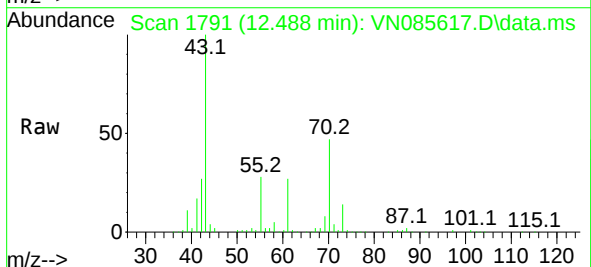
Instrument :  
MSVOA\_N  
ClientSampleId :

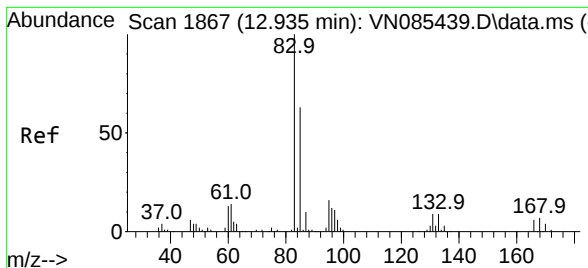
Tgt Ion:105 Resp: 533437  
Ion Ratio Lower Upper  
105 100  
120 26.3 12.8 38.3



#74  
N-ethyl acetate  
Concen: 42.452 ug/l  
RT: 12.488 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion: 43 Resp: 196603  
Ion Ratio Lower Upper  
43 100  
70 48.7 34.0 51.0  
55 29.8 21.4 32.2  
61 26.0 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.726 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

ClientSampleId :

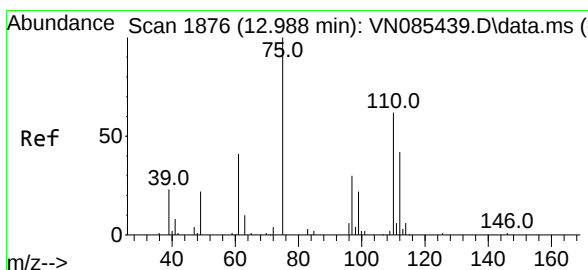
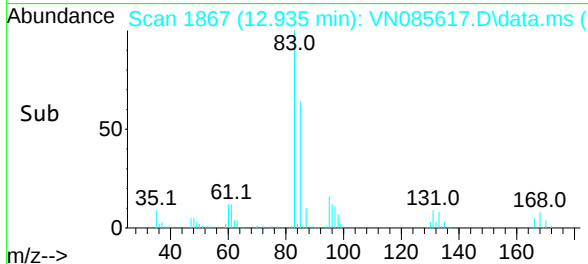
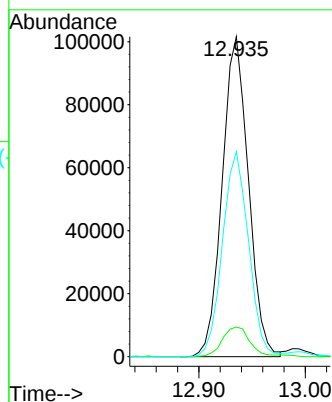
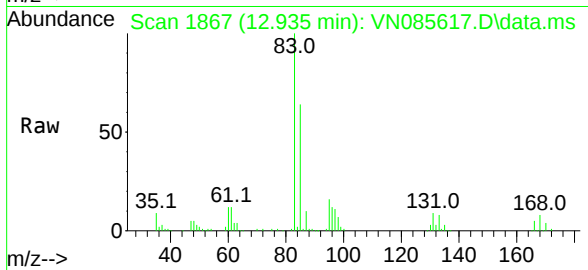
Tgt Ion: 83 Resp: 173703

Ion Ratio Lower Upper

83 100

131 10.0 4.8 14.4

85 63.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 69.064 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN085617.D

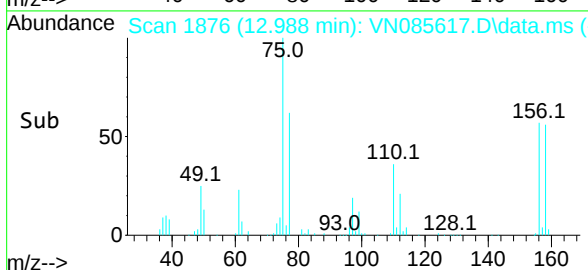
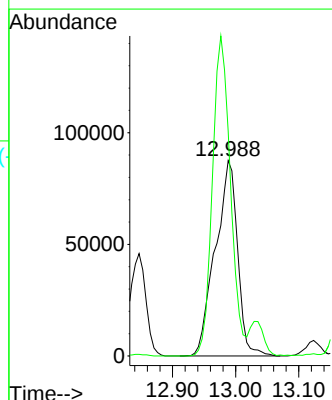
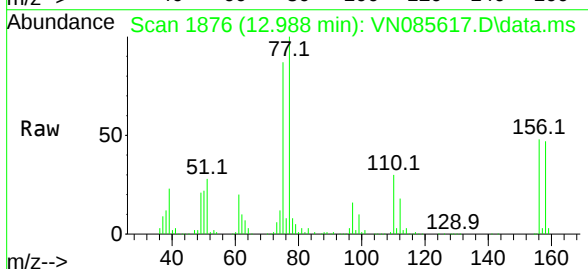
Acq: 03 Feb 2025 12:56

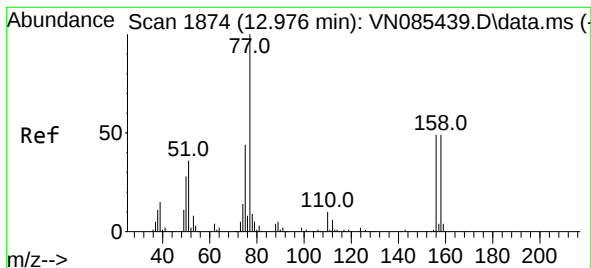
Tgt Ion: 75 Resp: 214297

Ion Ratio Lower Upper

75 100

77 132.9 109.7 329.2





#77

Bromobenzene

Concen: 48.837 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

ClientSampleId :

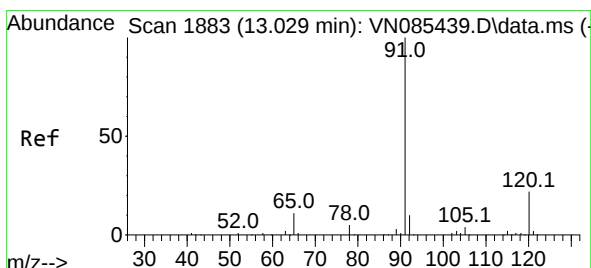
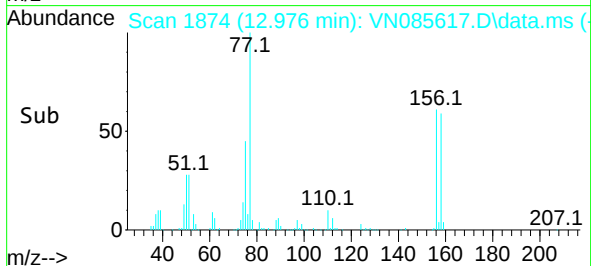
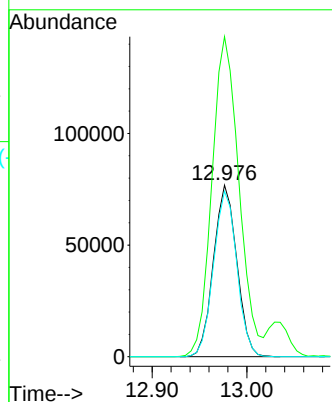
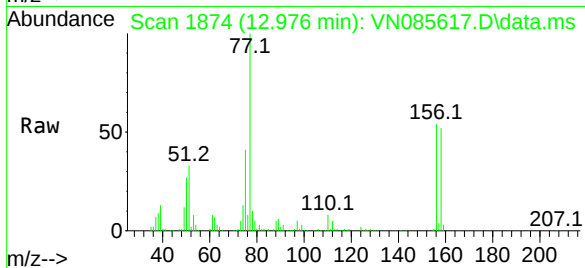
Tgt Ion:156 Resp: 131464

Ion Ratio Lower Upper

156 100

77 216.6 114.1 342.4

158 96.2 48.9 146.8



#78

n-propylbenzene

Concen: 53.002 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN085617.D

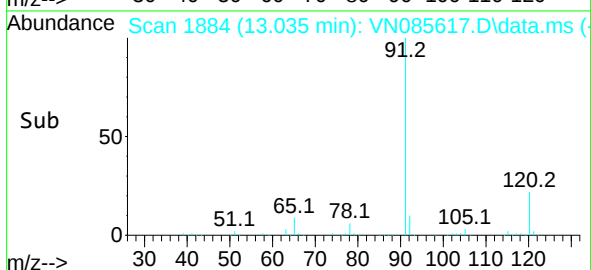
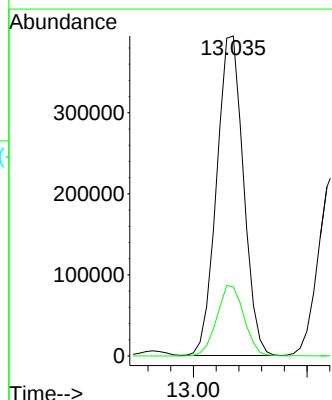
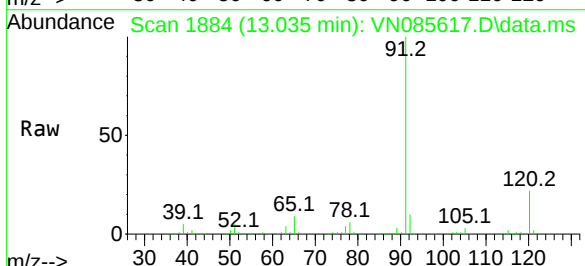
Acq: 03 Feb 2025 12:56

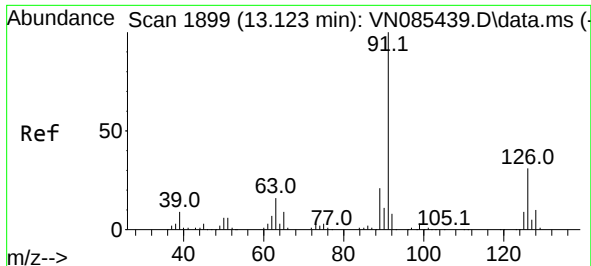
Tgt Ion: 91 Resp: 646489

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.6

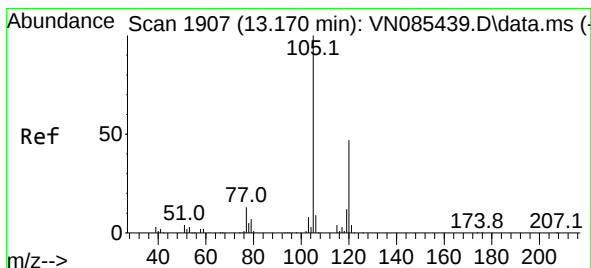
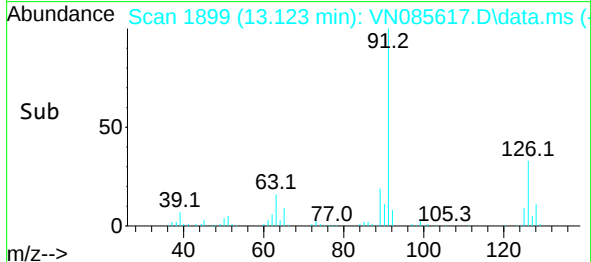
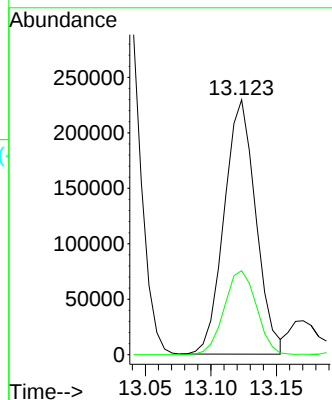
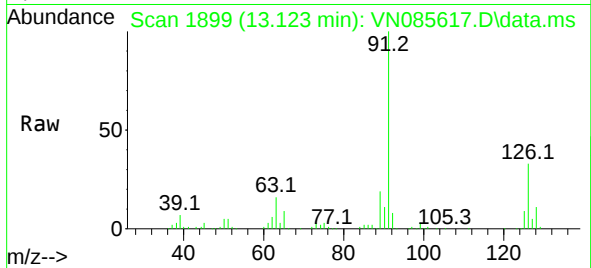




#79  
2-Chlorotoluene  
Concen: 48.821 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

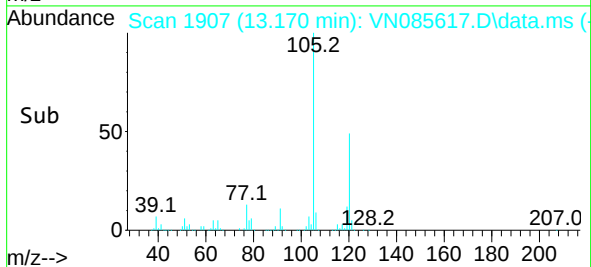
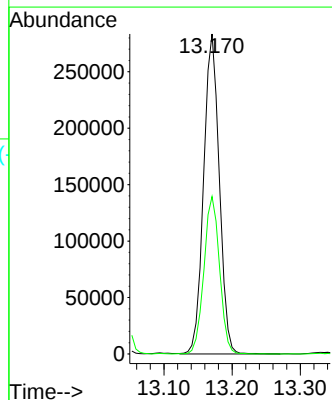
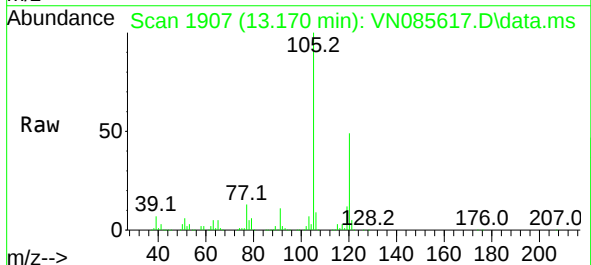
Instrument :  
MSVOA\_N  
ClientSampleId :

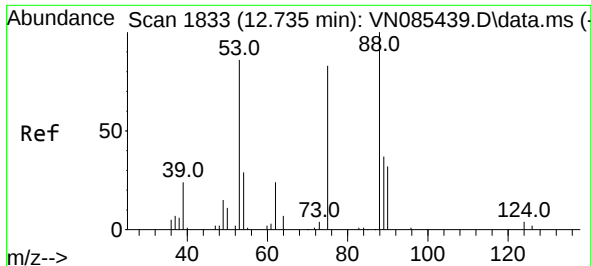
Tgt Ion: 91 Resp: 385400  
Ion Ratio Lower Upper  
91 100  
126 33.8 15.7 47.1



#80  
1,3,5-Trimethylbenzene  
Concen: 53.197 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

Tgt Ion:105 Resp: 452745  
Ion Ratio Lower Upper  
105 100  
120 49.2 23.9 71.7

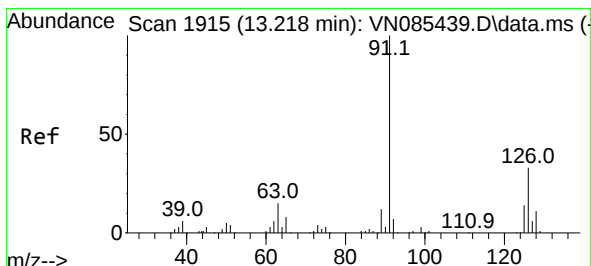
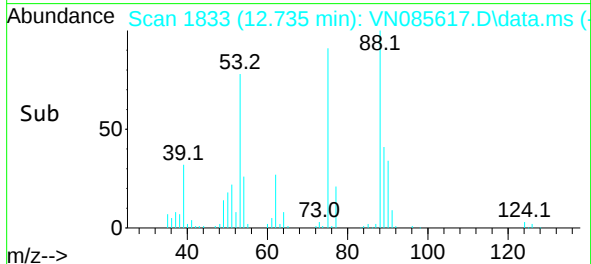
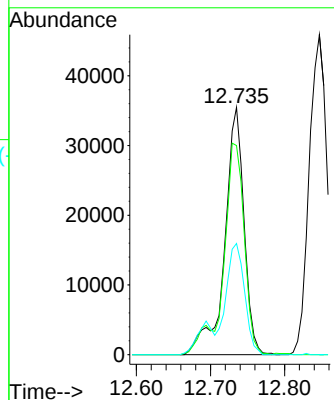
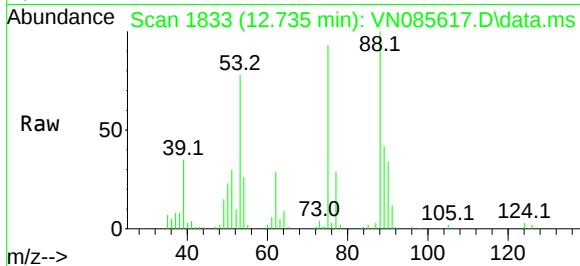




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 56.354 ug/l  
 RT: 12.735 min Scan# 1833  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

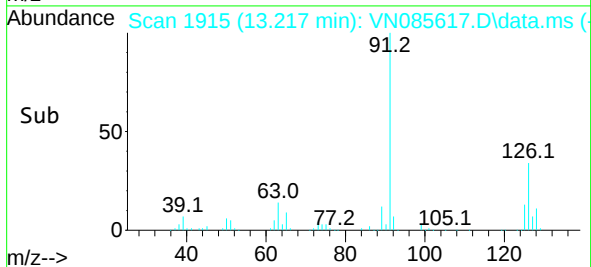
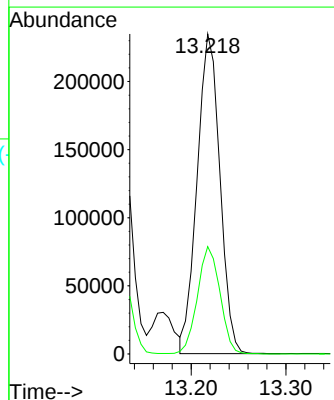
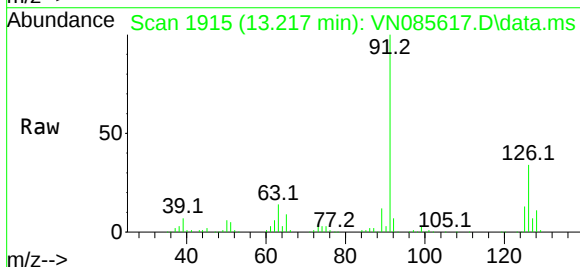
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 75 Resp: 64630  
 Ion Ratio Lower Upper  
 75 100  
 53 80.9 95.6 143.4#  
 89 42.8 37.0 55.6



#82  
 4-Chlorotoluene  
 Concen: 49.770 ug/l  
 RT: 13.217 min Scan# 1915  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

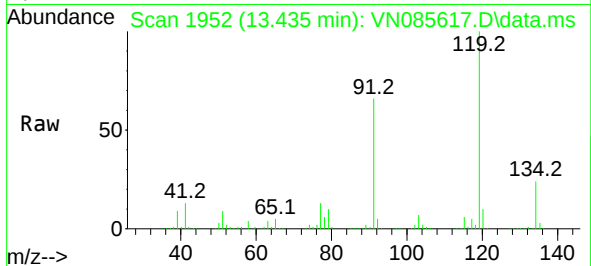
Tgt Ion: 91 Resp: 391197  
 Ion Ratio Lower Upper  
 91 100  
 126 33.4 15.9 47.7



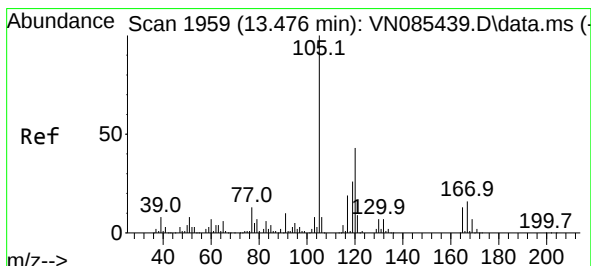
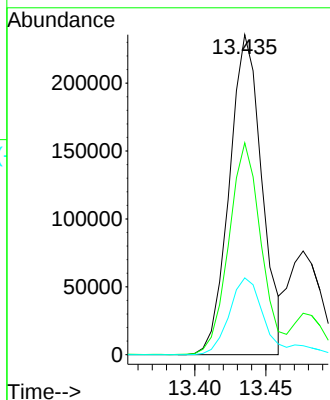
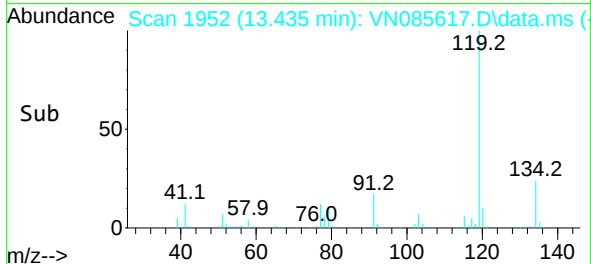


#83  
tert-Butylbenzene  
Concen: 52.803 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56

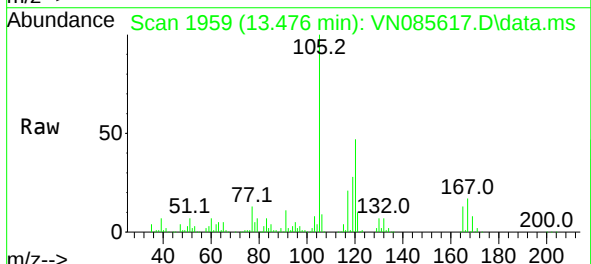
Instrument :  
MSVOA\_N  
ClientSampleId :



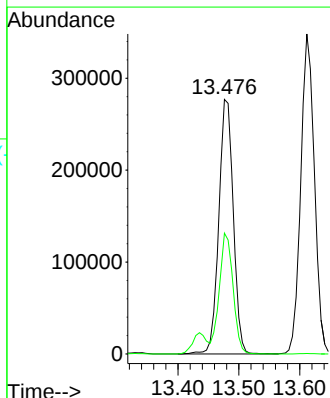
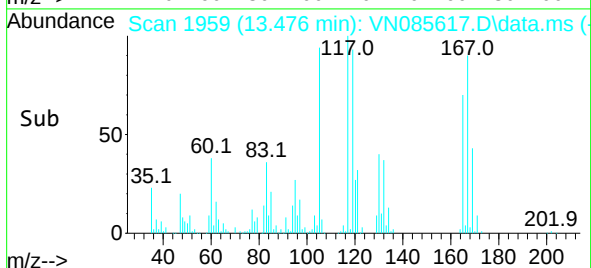
Tgt Ion:119 Resp: 377386  
Ion Ratio Lower Upper  
119 100  
91 65.9 35.1 105.3  
134 26.8 12.0 36.1

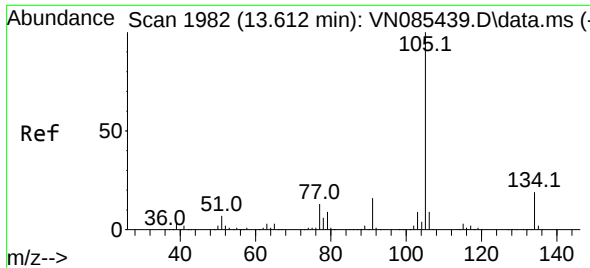


#84  
1,2,4-Trimethylbenzene  
Concen: 53.980 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: VN085617.D  
Acq: 03 Feb 2025 12:56



Tgt Ion:105 Resp: 457878  
Ion Ratio Lower Upper  
105 100  
120 44.9 21.6 65.0

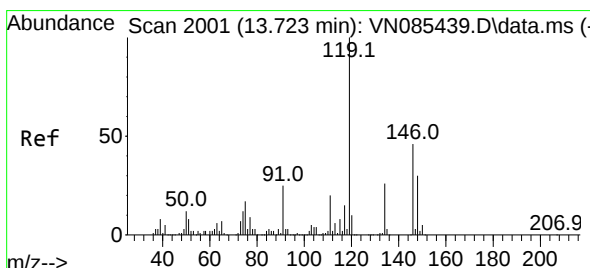
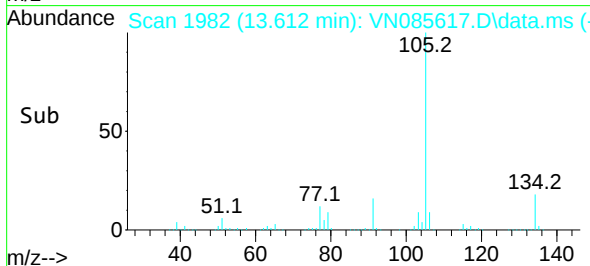
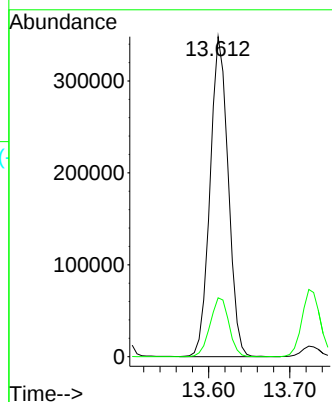
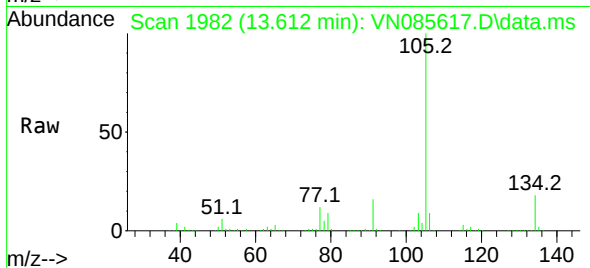




#85  
 sec-Butylbenzene  
 Concen: 54.590 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

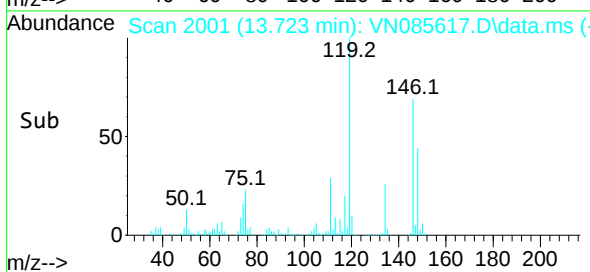
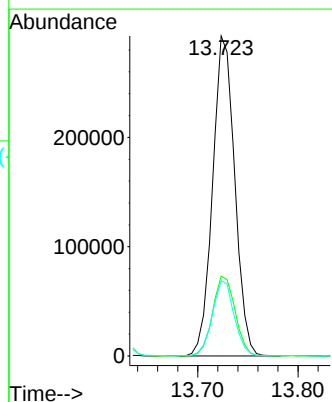
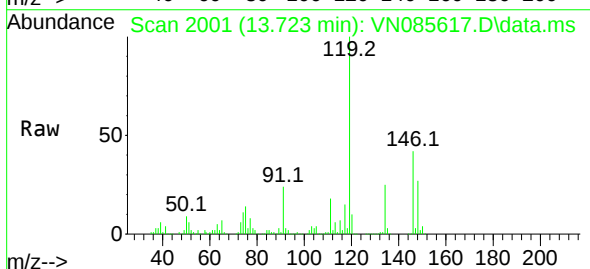
Instrument :  
 MSVOA\_N  
 ClientSampleId :

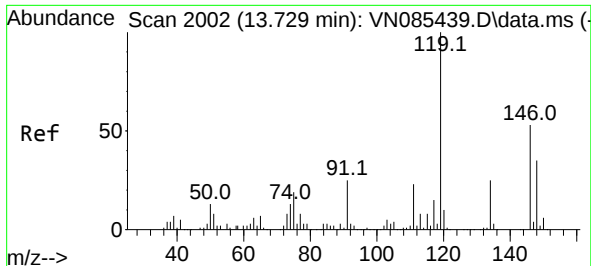
Tgt Ion:105 Resp: 540740  
 Ion Ratio Lower Upper  
 105 100  
 134 19.0 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 50.266 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. 0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

Tgt Ion:119 Resp: 448653  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.7 38.0  
 91 23.3 12.7 38.1

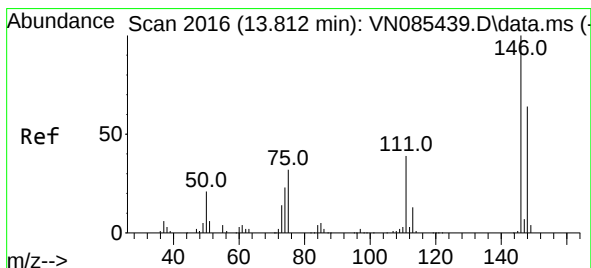
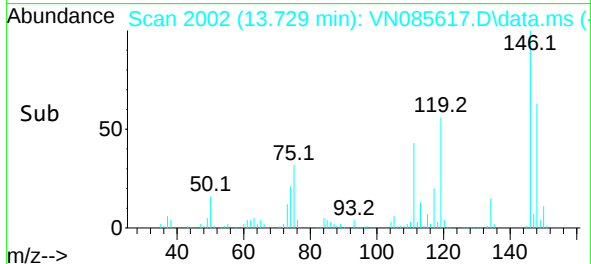
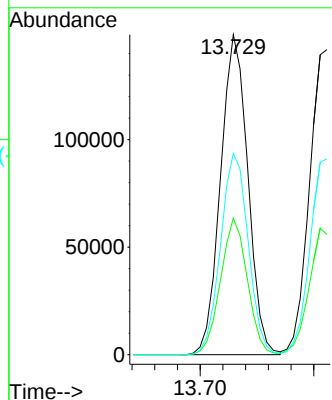
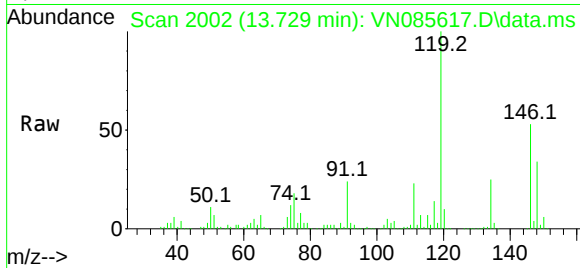




#87  
 1,3-Dichlorobenzene  
 Concen: 50.109 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

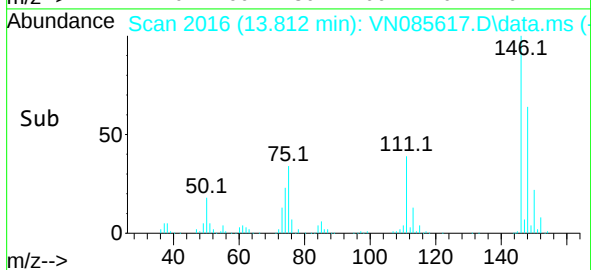
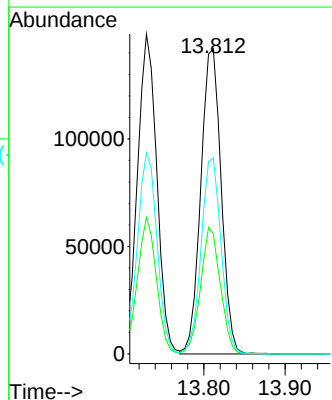
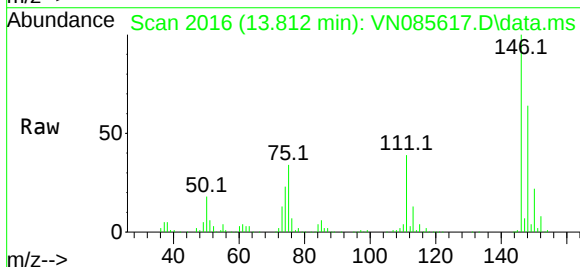
Instrument :  
 MSVOA\_N  
 ClientSampleId :

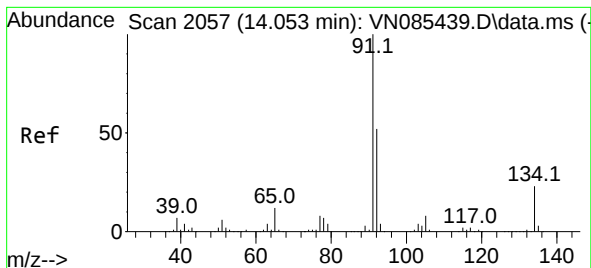
Tgt Ion:146 Resp: 248411  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 21.4 64.3  
 148 63.7 32.3 96.9



#88  
 1,4-Dichlorobenzene  
 Concen: 48.112 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. -0.000 min  
 Lab File: VN085617.D  
 Acq: 03 Feb 2025 12:56

Tgt Ion:146 Resp: 247225  
 Ion Ratio Lower Upper  
 146 100  
 111 40.1 21.3 63.7  
 148 63.0 32.4 97.0





#89

n-Butylbenzene

Concen: 52.792 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

ClientSampleId :

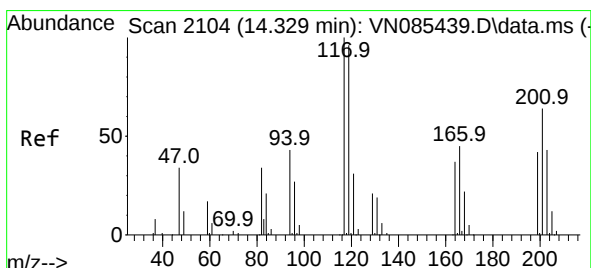
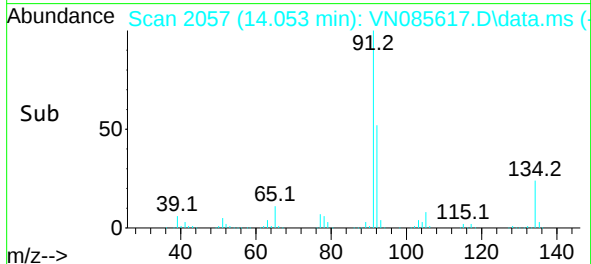
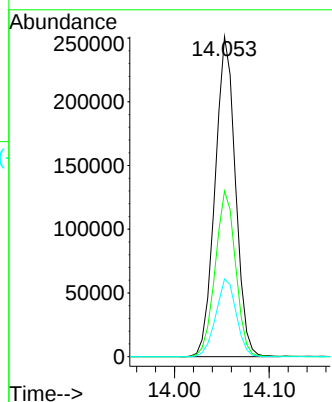
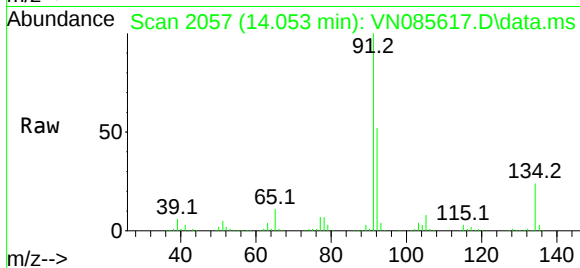
Tgt Ion: 91 Resp: 375157

Ion Ratio Lower Upper

91 100

92 51.8 25.8 77.3

134 24.4 11.7 35.1



#90

Hexachloroethane

Concen: 48.339 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN085617.D

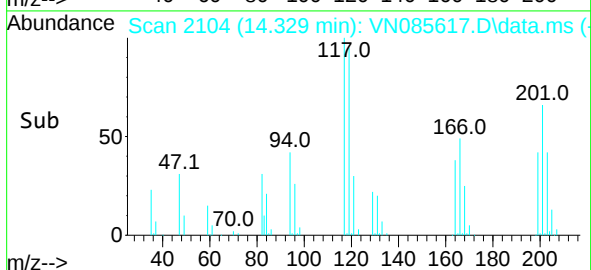
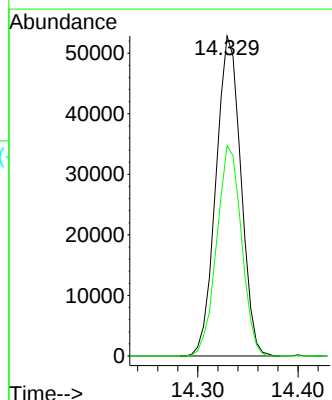
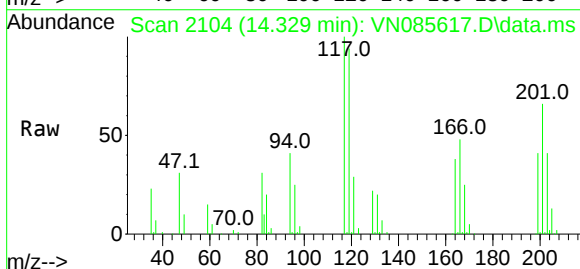
Acq: 03 Feb 2025 12:56

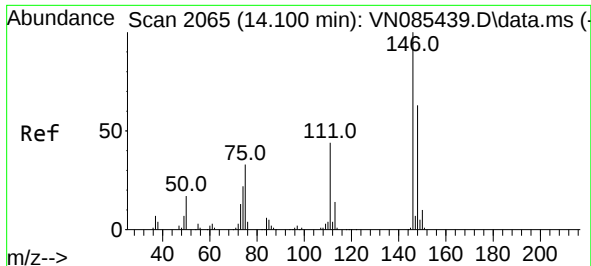
Tgt Ion: 117 Resp: 91155

Ion Ratio Lower Upper

117 100

201 65.2 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 48.589 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

ClientSampleId :

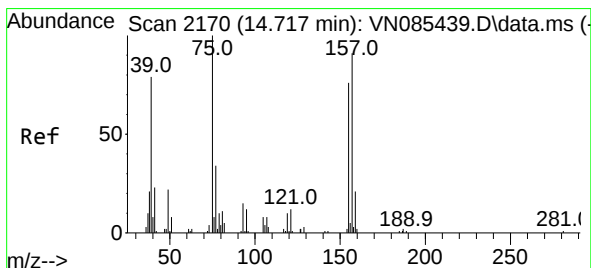
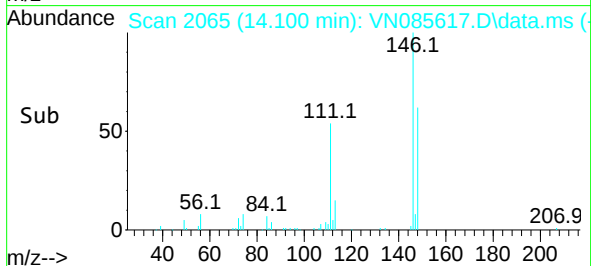
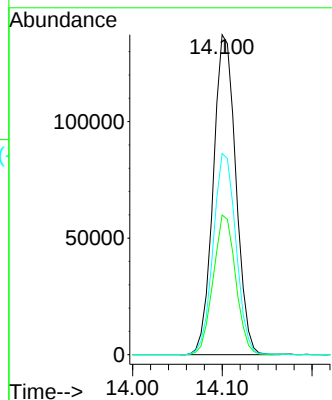
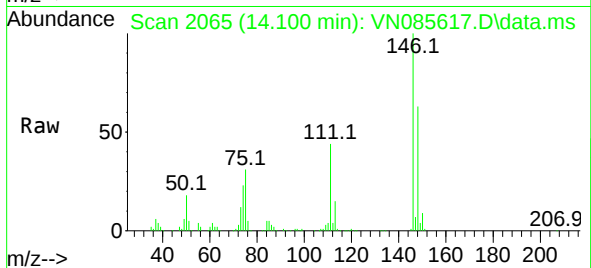
Tgt Ion:146 Resp: 240267

Ion Ratio Lower Upper

146 100

111 43.3 21.7 65.1

148 63.4 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.867 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

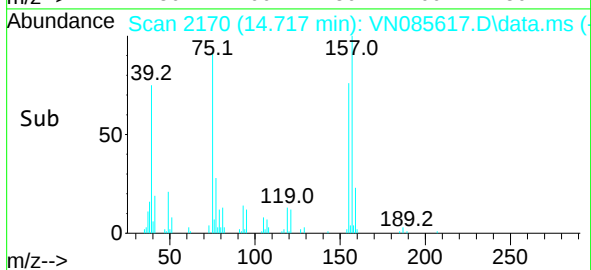
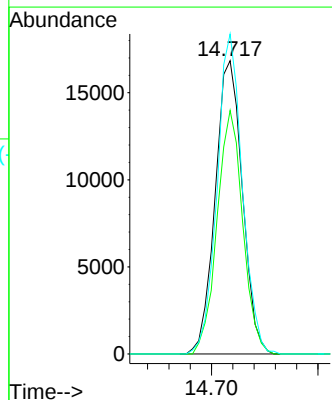
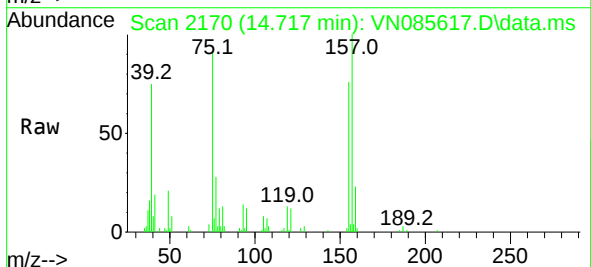
Tgt Ion: 75 Resp: 29819

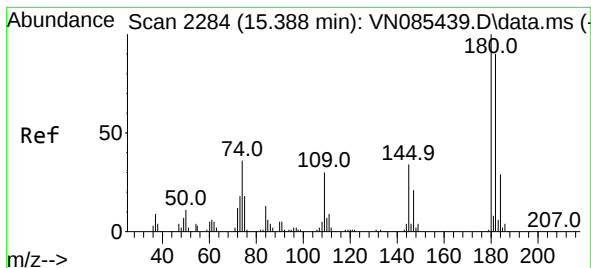
Ion Ratio Lower Upper

75 100

155 78.2 36.4 109.2

157 101.3 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 48.782 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

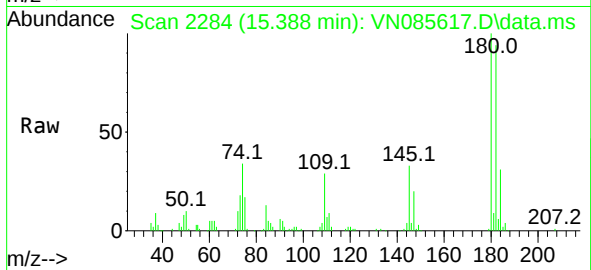
Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

ClientSampleId :



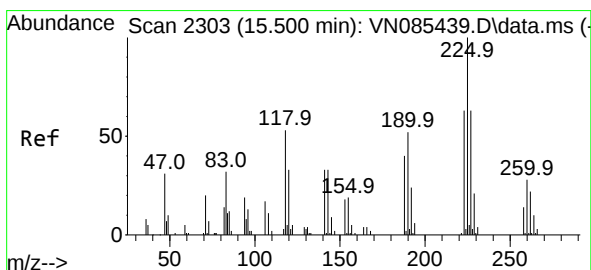
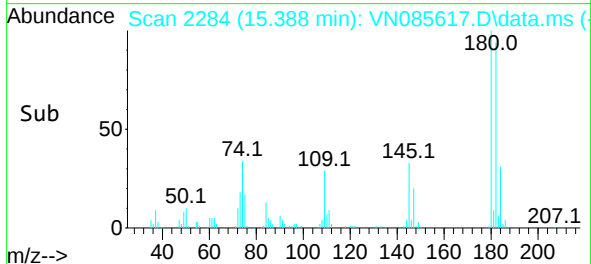
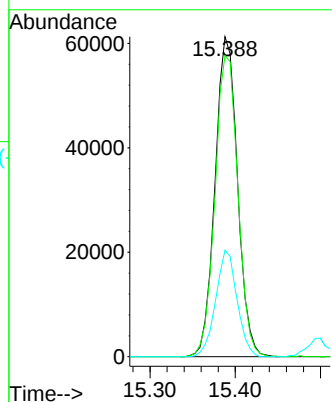
Tgt Ion:180 Resp: 112114

Ion Ratio Lower Upper

180 100

182 96.0 46.8 140.3

145 31.6 16.0 48.0



#94

Hexachlorobutadiene

Concen: 44.736 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

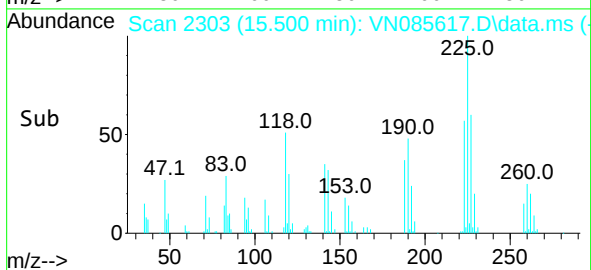
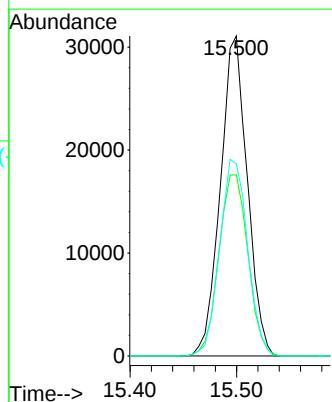
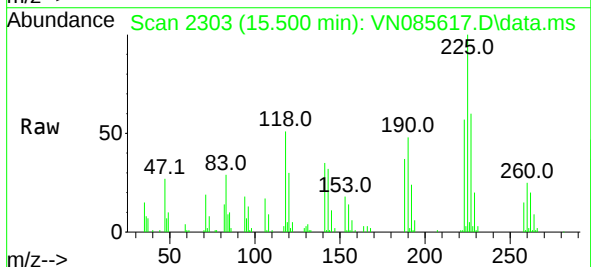
Tgt Ion:225 Resp: 54586

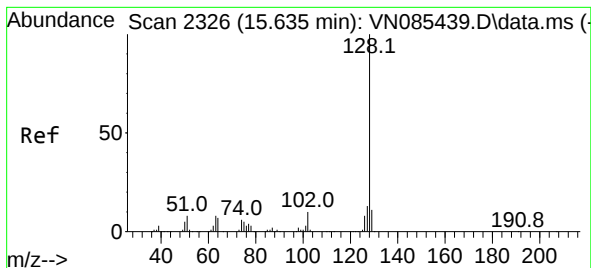
Ion Ratio Lower Upper

225 100

223 61.1 30.7 92.1

227 63.7 30.9 92.5





#95

Naphthalene

Concen: 50.085 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Instrument :

MSVOA\_N

ClientSampleId :

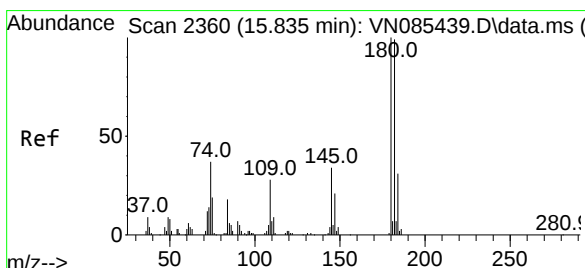
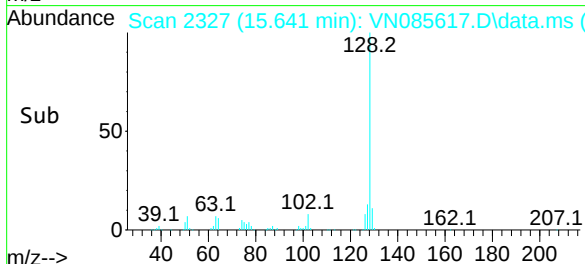
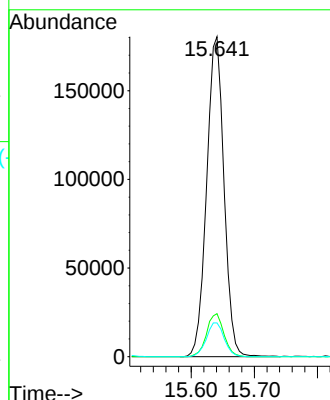
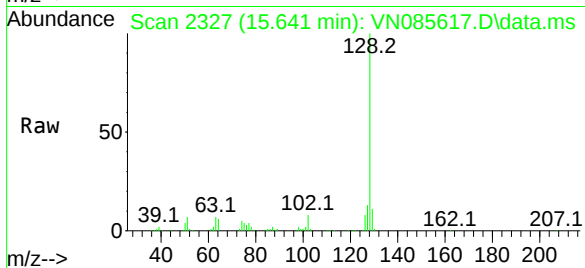
Tgt Ion:128 Resp: 343491

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.450 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085617.D

Acq: 03 Feb 2025 12:56

Tgt Ion:180 Resp: 112671

Ion Ratio Lower Upper

180 100

182 93.9 47.4 142.2

145 33.6 16.9 50.7

