

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020325\  
 Data File : VN085619.D  
 Acq On : 03 Feb 2025 13:58  
 Operator : JC\MD  
 Sample : VN0203WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 04 00:57:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 188870   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 327054   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 287245   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 141185   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 145603   | 47.758   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 95.520%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 118527   | 52.239   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 104.480% |
| 50) Toluene-d8              | 10.565 | 98    | 440013   | 54.582   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 109.160% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 140993   | 51.128   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 102.260% |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 38687  | 15.128 | ug/l   | 97  |
| 3) Chloromethane             | 2.359 | 50  | 39178  | 14.150 | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.512 | 62  | 50107  | 18.004 | ug/l   | 98  |
| 5) Bromomethane              | 2.959 | 94  | 32854  | 19.544 | ug/l   | 100 |
| 6) Chloroethane              | 3.124 | 64  | 34668  | 19.648 | ug/l   | 92  |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 71688  | 17.753 | ug/l   | 95  |
| 8) Diethyl Ether             | 3.959 | 74  | 22305  | 15.989 | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 41316  | 18.165 | ug/l   | 98  |
| 10) Methyl Iodide            | 4.589 | 142 | 44373  | 17.036 | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 34586  | 99.071 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.347 | 96  | 35011  | 17.272 | ug/l   | 91  |
| 13) Acrolein                 | 4.183 | 56  | 24346  | 51.087 | ug/l   | 99  |
| 14) Allyl chloride           | 5.018 | 41  | 46069  | 14.006 | ug/l   | 95  |
| 15) Acrylonitrile            | 5.712 | 53  | 105201 | 94.873 | ug/l   | 99  |
| 16) Acetone                  | 4.424 | 43  | 84320  | 85.597 | ug/l   | 93  |
| 17) Carbon Disulfide         | 4.718 | 76  | 83320  | 13.350 | ug/l   | 98  |
| 18) Methyl Acetate           | 5.030 | 43  | 57710  | 19.266 | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 120113 | 18.249 | ug/l   | 97  |
| 20) Methylene Chloride       | 5.277 | 84  | 45987  | 18.858 | ug/l   | 91  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 37886  | 17.489 | ug/l   | 93  |
| 22) Diisopropyl ether        | 6.665 | 45  | 121562 | 16.651 | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.600 | 43  | 406095 | 79.484 | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 79173  | 17.785 | ug/l   | 97  |
| 25) 2-Butanone               | 7.483 | 43  | 128446 | 88.606 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 68597  | 19.060 | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 47714  | 18.700 | ug/l   | 93  |
| 28) Bromochloromethane       | 7.812 | 49  | 37432  | 18.074 | ug/l   | 87  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 82755  | 90.042 | ug/l   | 90  |
| 30) Chloroform               | 7.965 | 83  | 87616  | 19.043 | ug/l   | 96  |
| 31) Cyclohexane              | 8.253 | 56  | 54962  | 14.205 | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 72591  | 17.987 | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 52640  | 16.530 | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.553 | 43  | 52153  | 16.226 | ug/l # | 97  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 63941  | 17.539 | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.594 | 83  | 47017  | 15.712 | ug/l   | 99  |
| 40) Benzene                  | 8.600 | 78  | 178066 | 18.610 | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020325\  
 Data File : VN085619.D  
 Acq On : 03 Feb 2025 13:58  
 Operator : JC\MD  
 Sample : VN0203WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 04 00:57:55 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         | 7.777  | 41   | 27186    | 16.257  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 62118    | 17.238  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 90788    | 17.628  | ug/l   | 98       |
| 44) Trichloroethene           | 9.347  | 130  | 40975    | 18.397  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 44363    | 18.152  | ug/l   | 97       |
| 46) Dibromomethane            | 9.706  | 93   | 32561    | 18.464  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.882  | 83   | 68763    | 19.139  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.677  | 41   | 36614    | 15.797  | ug/l # | 86       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 16166    | 414.188 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 273103   | 91.380  | ug/l   | 95       |
| 52) Toluene                   | 10.629 | 92   | 109097   | 19.678  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 63985    | 18.846  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 67151    | 18.516  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 44783    | 20.411  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 57740    | 16.950  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 74082    | 19.419  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 104900   | 75.342  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 193608   | 92.067  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.359 | 129  | 51263    | 19.353  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 42556    | 19.486  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.100 | 164  | 37520    | 19.160  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.888 | 112  | 119593   | 19.005  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 44553    | 19.291  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.959 | 91   | 191202   | 18.656  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.070 | 106  | 150700   | 39.785  | ug/l   | 96       |
| 69) o-Xylene                  | 12.394 | 106  | 68756    | 18.994  | ug/l   | 98       |
| 70) Styrene                   | 12.406 | 104  | 118783   | 19.827  | ug/l   | 97       |
| 71) Bromoform                 | 12.576 | 173  | 33352    | 20.183  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 175479   | 18.416  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 67669    | 15.799  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 66278    | 19.691  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 80580    | 28.080  | ug/l   | 41       |
| 77) Bromobenzene              | 12.976 | 156  | 45701    | 18.357  | ug/l   | 96       |
| 78) n-propylbenzene           | 13.035 | 91   | 212161   | 18.808  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 132501   | 18.149  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 151767   | 19.282  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 20631    | 19.452  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 133497   | 18.365  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 121493   | 18.381  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 151424   | 19.303  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 174506   | 19.049  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 139399   | 18.340  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 83480    | 18.208  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 85839    | 18.063  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 114517   | 17.425  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.329 | 117  | 31928    | 18.308  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 84316    | 18.437  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 11783    | 19.170  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 34556    | 16.258  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 18281    | 16.200  | ug/l   | 97       |
| 95) Naphthalene               | 15.635 | 128  | 102342   | 16.136  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 34678    | 16.124  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020325\  
Data File : VN085619.D  
Acq On : 03 Feb 2025 13:58  
Operator : JC\MD  
Sample : VN0203WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

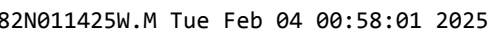
Instrument :  
MSVOA\_N  
ClientSampleId :

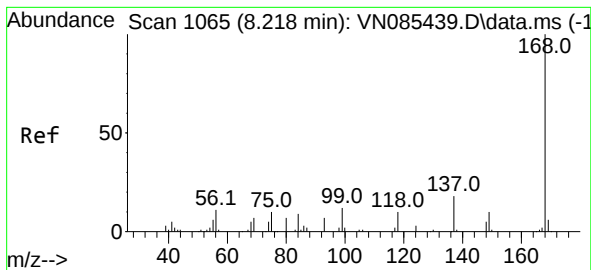
Quant Time: Feb 04 00:57:55 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 15 02:16:08 2025  
Response via : Initial Calibration

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

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

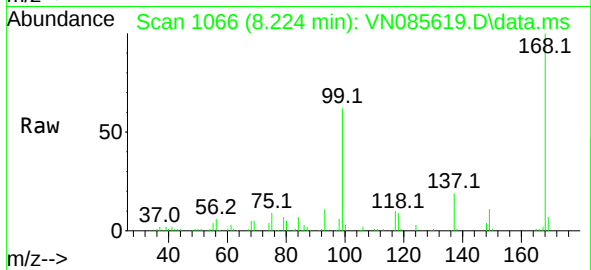
Quant Time: Feb 04 00:57:55 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 15 02:16:08 2025  
Response via : Initial Calibration



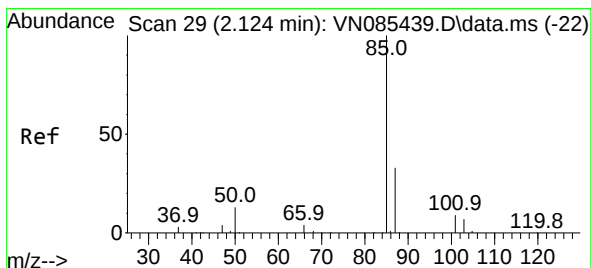
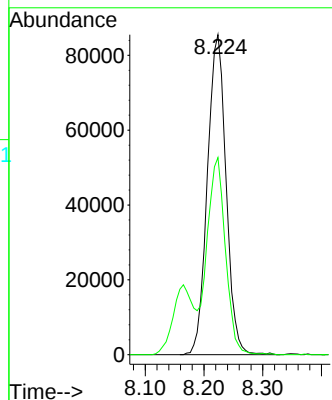
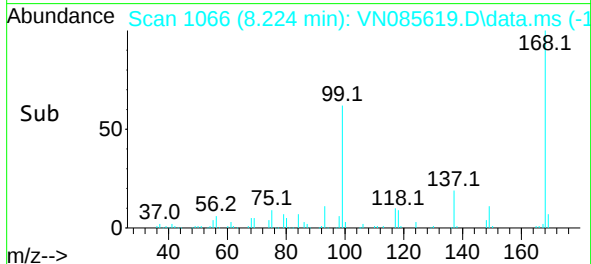


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Instrument :  
MSVOA\_N  
ClientSampleId :

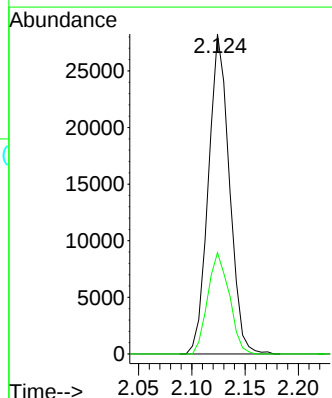
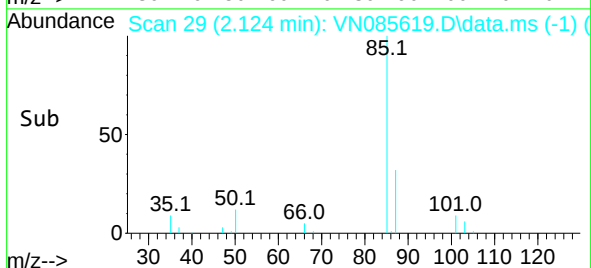
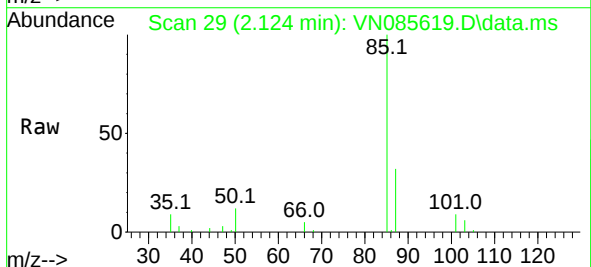


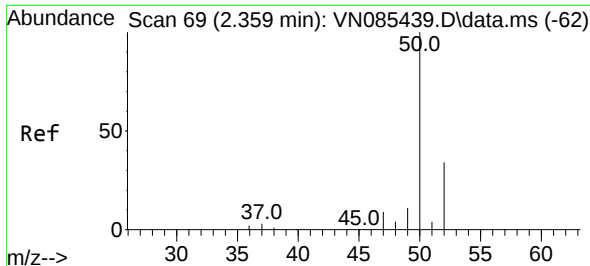
Tgt Ion:168 Resp: 188870  
Ion Ratio Lower Upper  
168 100  
99 61.6 53.6 80.4



#2  
Dichlorodifluoromethane  
Concen: 15.128 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

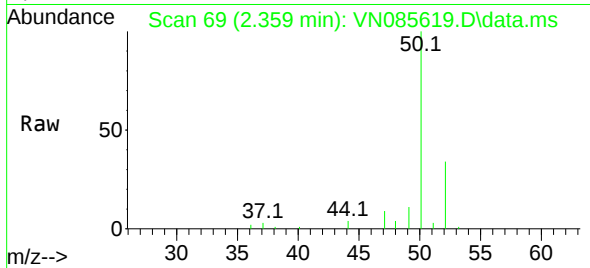
Tgt Ion: 85 Resp: 38687  
Ion Ratio Lower Upper  
85 100  
87 31.6 16.7 50.1



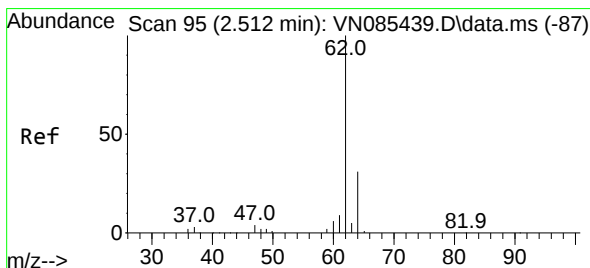
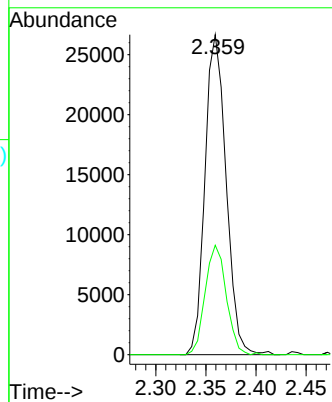
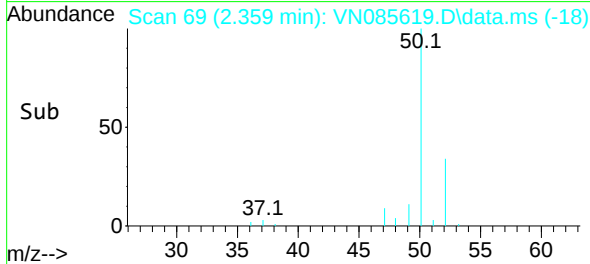


#3  
Chloromethane  
Concen: 14.150 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Instrument :  
MSVOA\_N  
ClientSampleId :

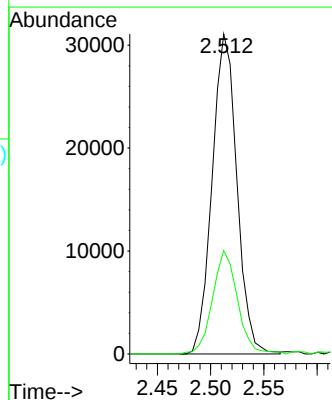
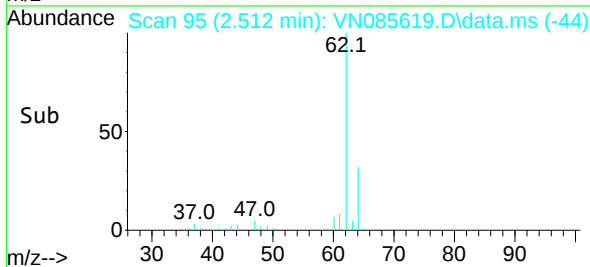
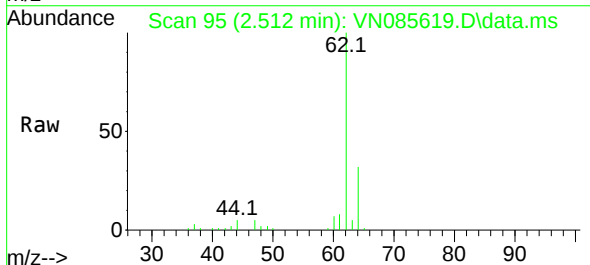


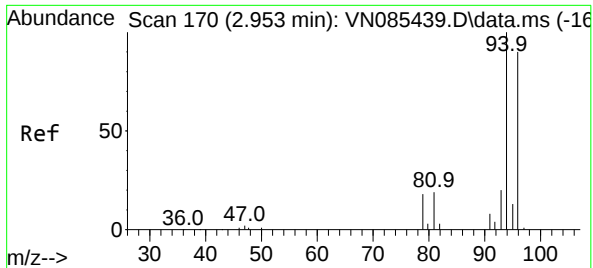
Tgt Ion: 50 Resp: 39178  
Ion Ratio Lower Upper  
50 100  
52 34.2 27.0 40.6



#4  
Vinyl Chloride  
Concen: 18.004 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 62 Resp: 50107  
Ion Ratio Lower Upper  
62 100  
64 32.3 24.8 37.2

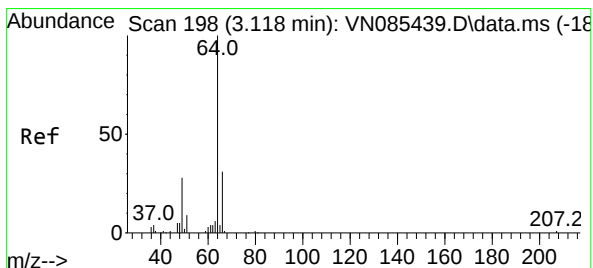
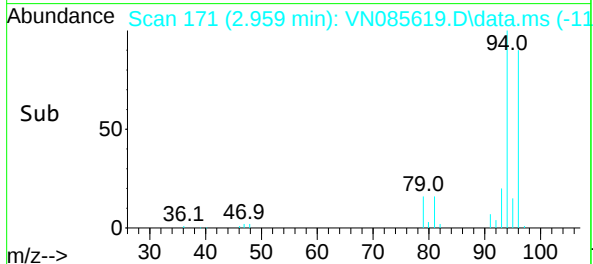
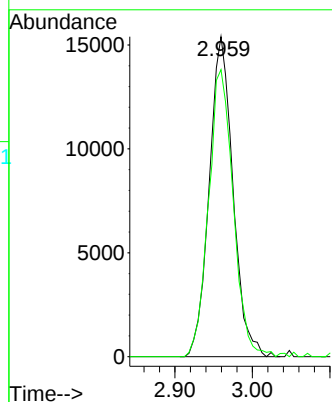
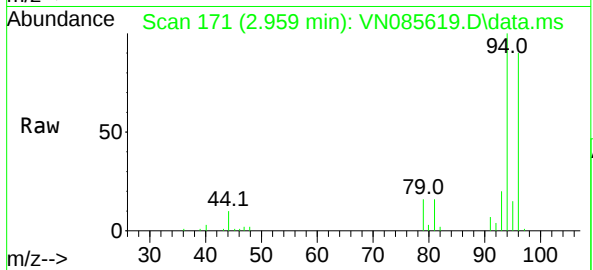




#5  
Bromomethane  
Concen: 19.544 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

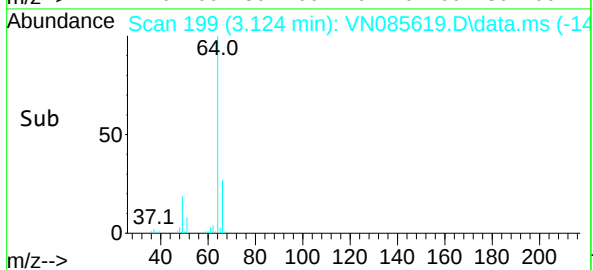
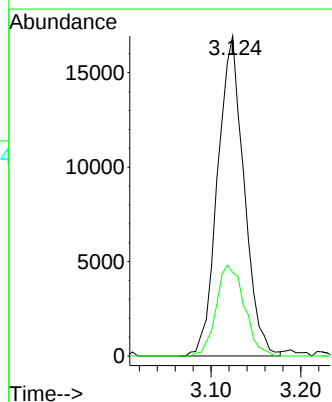
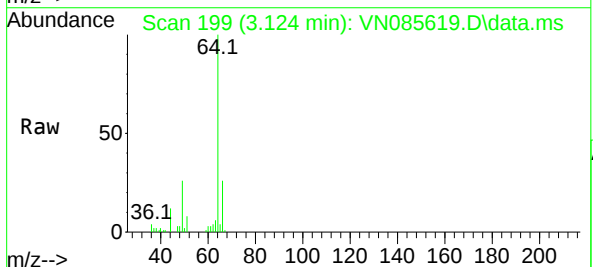
Instrument :  
MSVOA\_N  
ClientSampleId :

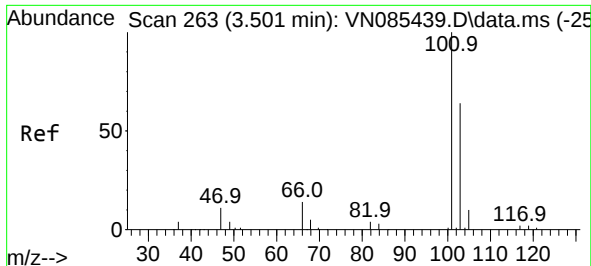
Tgt Ion: 94 Resp: 32854  
Ion Ratio Lower Upper  
94 100  
96 89.7 71.8 107.6



#6  
Chloroethane  
Concen: 19.648 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

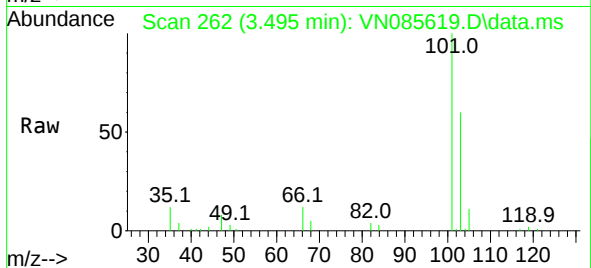
Tgt Ion: 64 Resp: 34668  
Ion Ratio Lower Upper  
64 100  
66 26.1 24.6 36.8



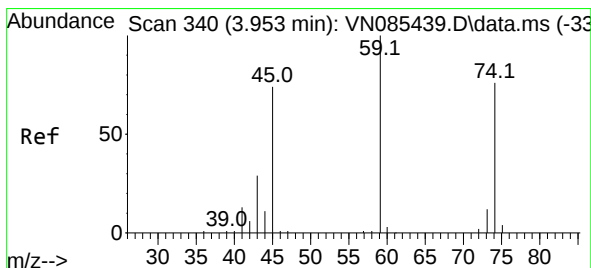
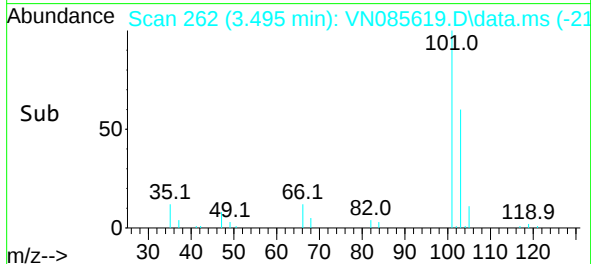
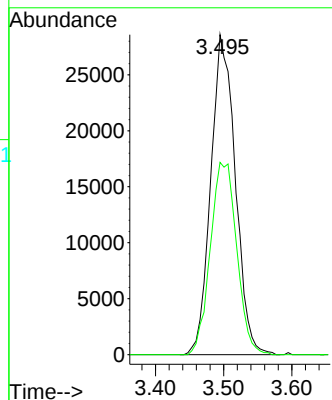


#7  
Trichlorofluoromethane  
Concen: 17.753 ug/l  
RT: 3.495 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Instrument :  
MSVOA\_N  
ClientSampleId :

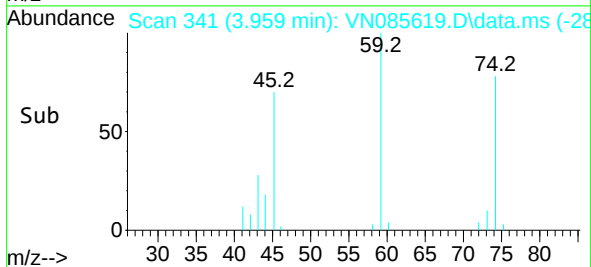
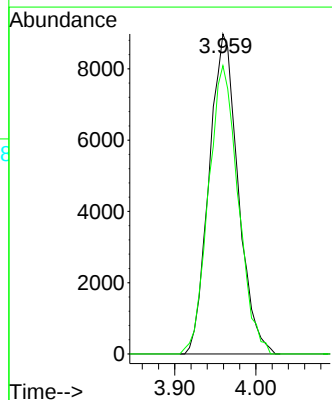
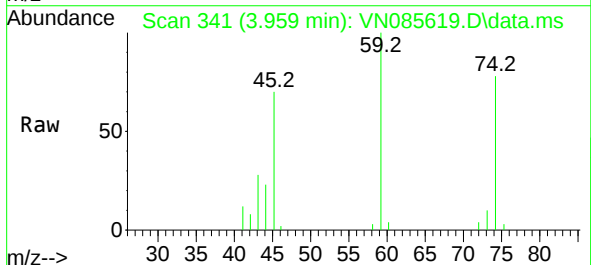


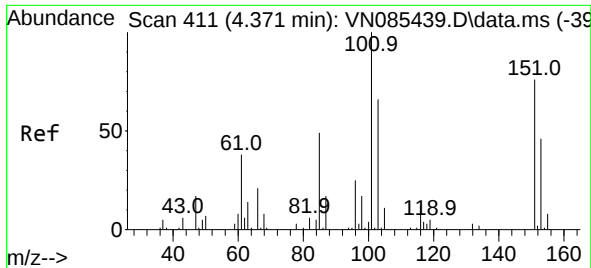
Tgt Ion:101 Resp: 71688  
Ion Ratio Lower Upper  
101 100  
103 60.1 51.4 77.2



#8  
Diethyl Ether  
Concen: 15.989 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 74 Resp: 22305  
Ion Ratio Lower Upper  
74 100  
45 92.2 49.7 149.1

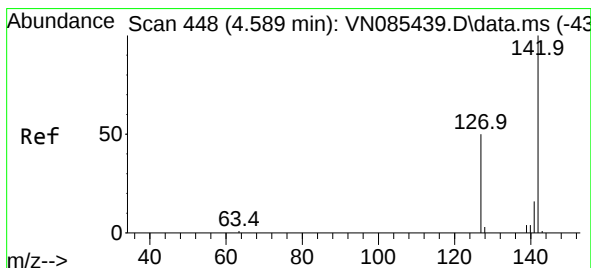
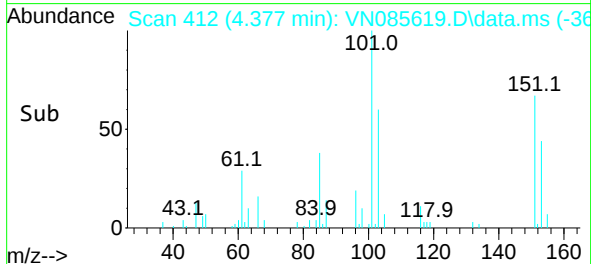
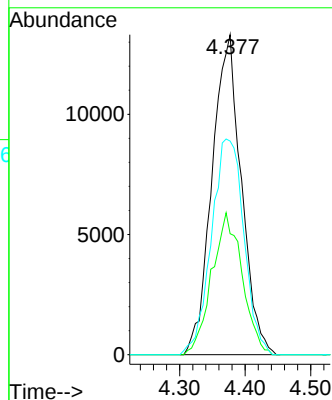
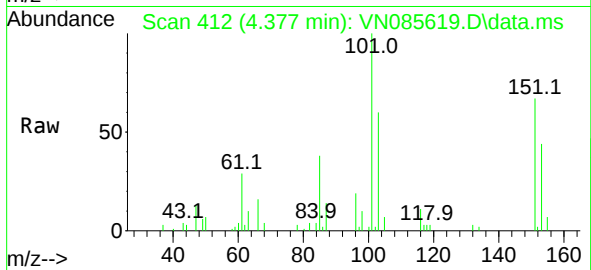




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.165 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

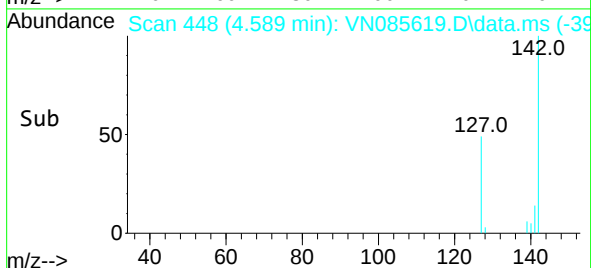
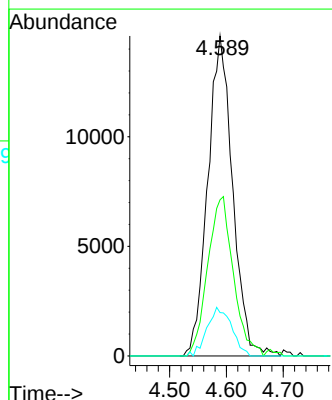
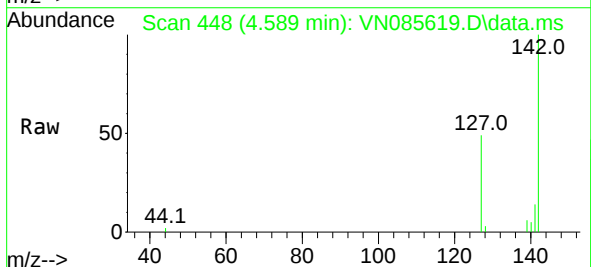
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 41316  
Ion Ratio Lower Upper  
101 100  
85 45.8 37.8 56.8  
151 74.8 58.8 88.2



#10  
Methyl Iodide  
Concen: 17.036 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

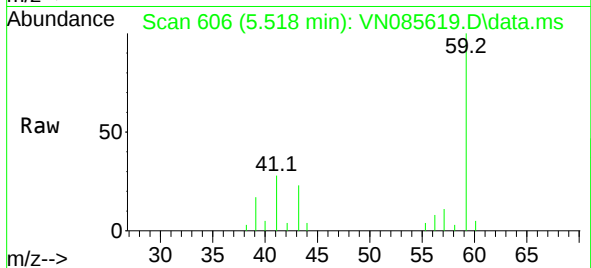
Tgt Ion:142 Resp: 44373  
Ion Ratio Lower Upper  
142 100  
127 48.8 40.3 60.5  
141 13.6 12.8 19.2



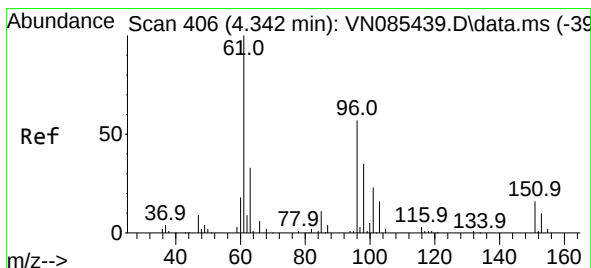
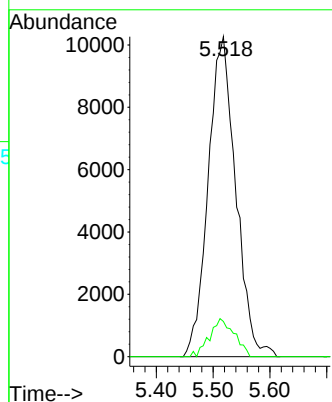
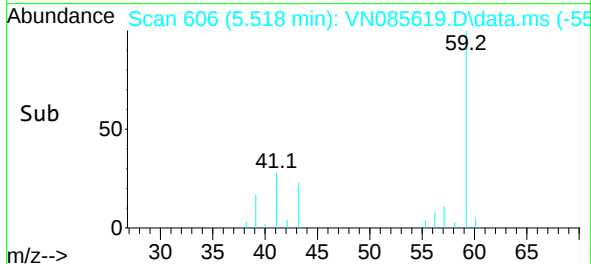


#11  
Tert butyl alcohol  
Concen: 99.071 ug/l  
RT: 5.518 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

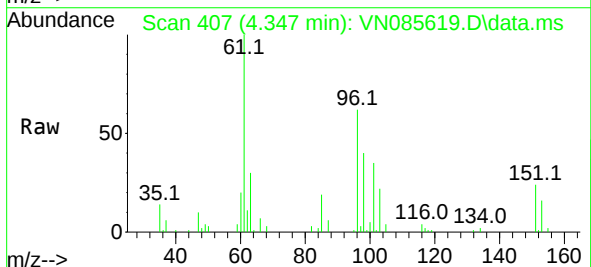
Instrument :  
MSVOA\_N  
ClientSampleId :



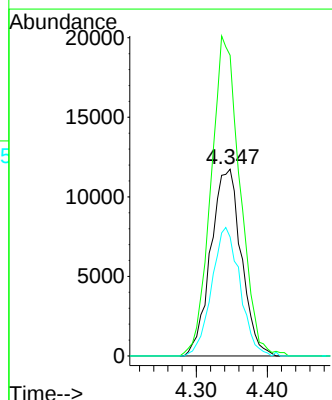
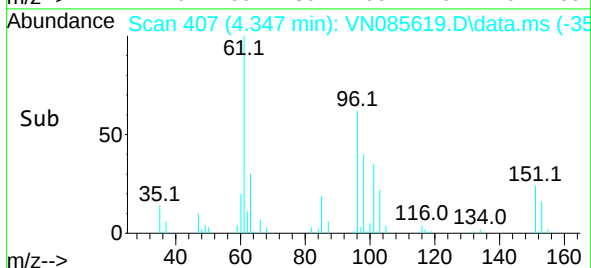
Tgt Ion: 59 Resp: 34586  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.6 13.0



#12  
1,1-Dichloroethene  
Concen: 17.272 ug/l  
RT: 4.347 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58



Tgt Ion: 96 Resp: 35011  
Ion Ratio Lower Upper  
96 100  
61 161.0 141.0 211.4  
98 63.6 49.0 73.6





#13

Acrolein

Concen: 51.087 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA\_N

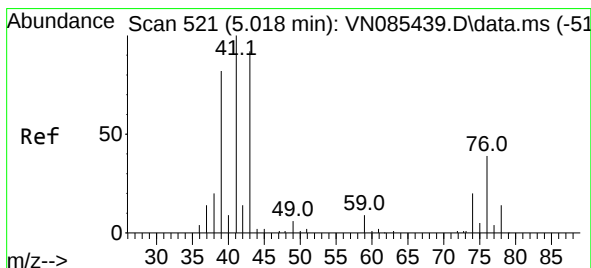
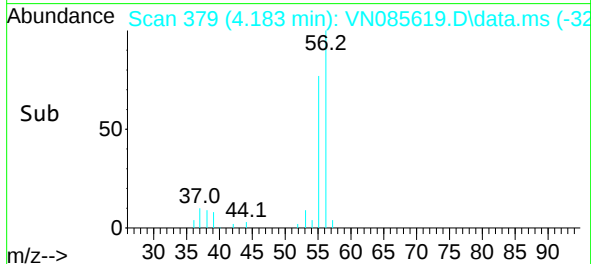
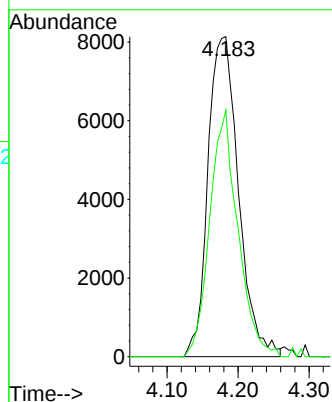
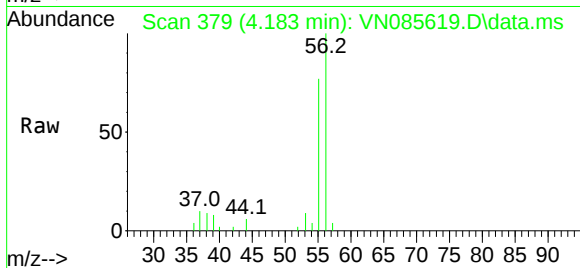
ClientSampleId :

Tgt Ion: 56 Resp: 24346

Ion Ratio Lower Upper

56 100

55 70.9 56.3 84.5



#14

Allyl chloride

Concen: 14.006 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

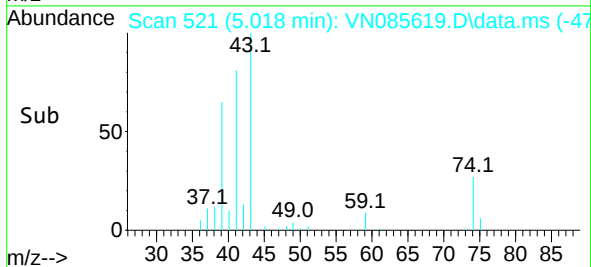
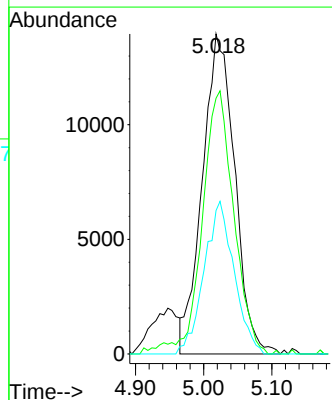
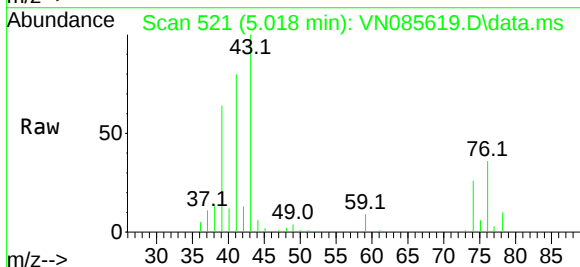
Tgt Ion: 41 Resp: 46069

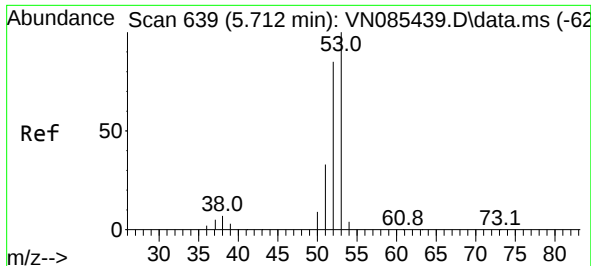
Ion Ratio Lower Upper

41 100

39 78.3 64.4 96.6

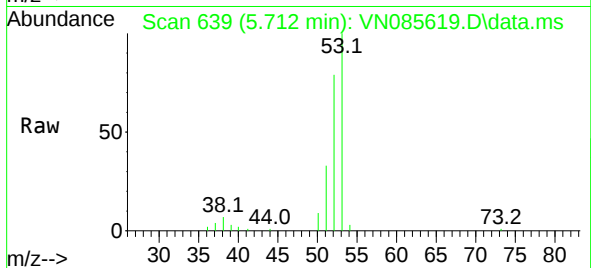
76 44.1 30.5 45.7



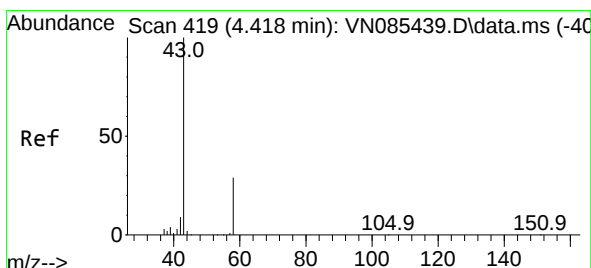
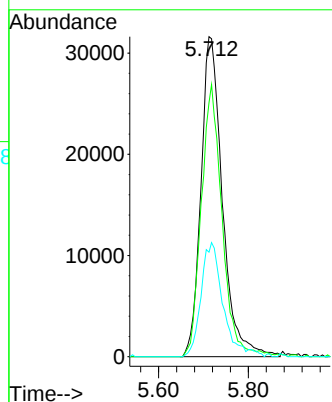
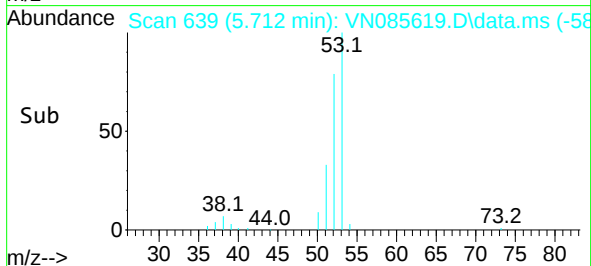


#15  
Acrylonitrile  
Concen: 94.873 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Instrument :  
MSVOA\_N  
ClientSampleId :

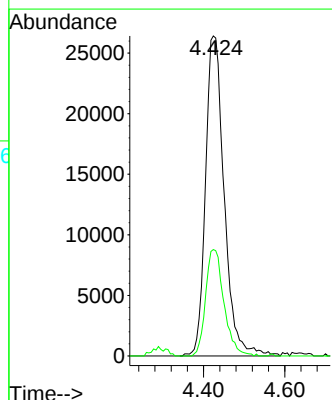
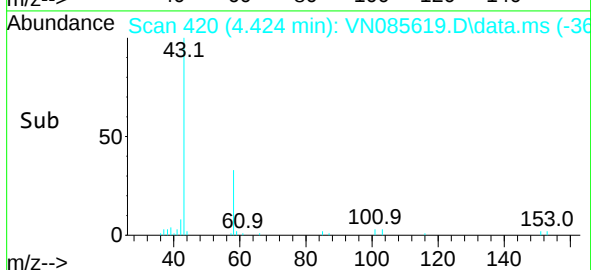
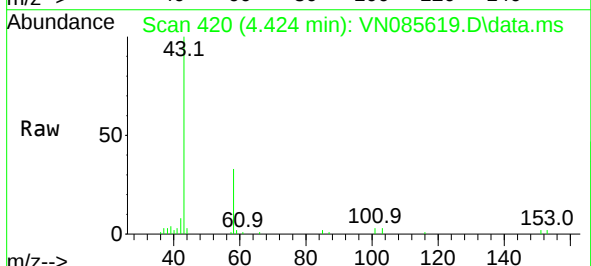


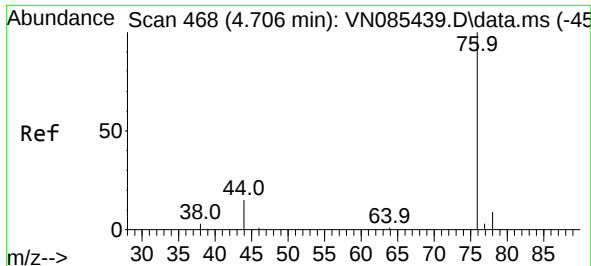
Tgt Ion: 53 Resp: 105201  
Ion Ratio Lower Upper  
53 100  
52 82.3 65.5 98.3  
51 35.6 29.8 44.8



#16  
Acetone  
Concen: 85.597 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

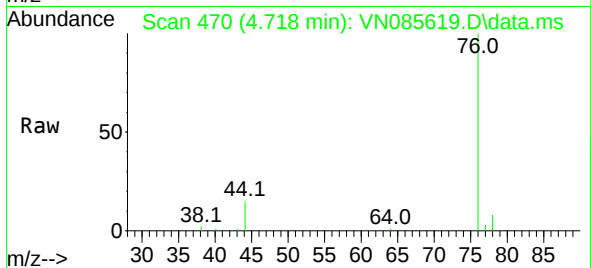
Tgt Ion: 43 Resp: 84320  
Ion Ratio Lower Upper  
43 100  
58 33.2 23.8 35.6



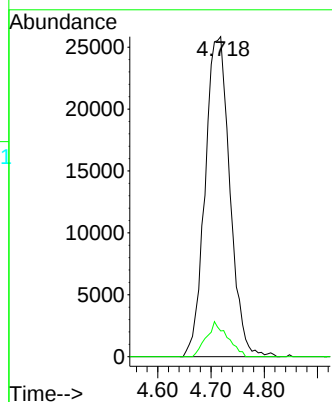
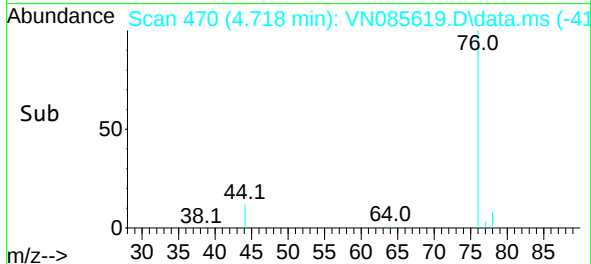


#17  
Carbon Disulfide  
Concen: 13.350 ug/l  
RT: 4.718 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Instrument :  
MSVOA\_N  
ClientSampleId :

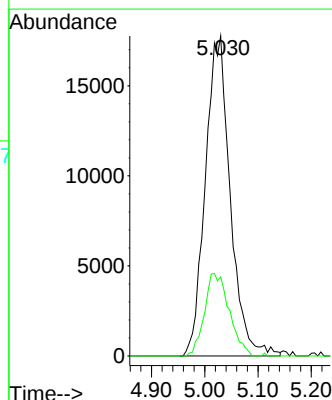
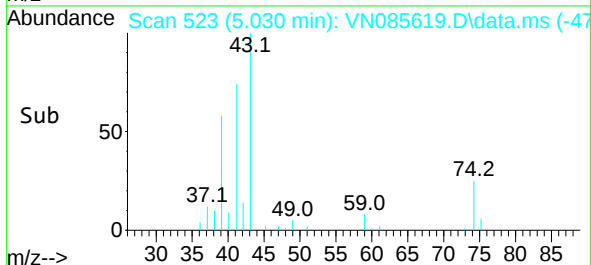
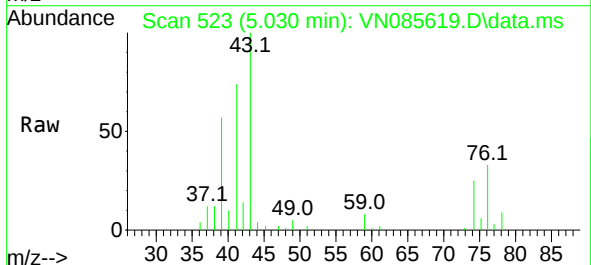


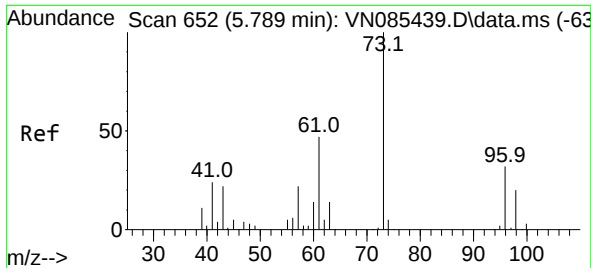
Tgt Ion: 76 Resp: 83320  
Ion Ratio Lower Upper  
76 100  
78 8.1 6.9 10.3



#18  
Methyl Acetate  
Concen: 19.266 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.012 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 43 Resp: 57710  
Ion Ratio Lower Upper  
43 100  
74 25.6 18.6 28.0

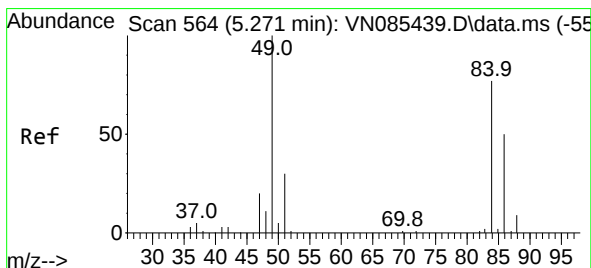
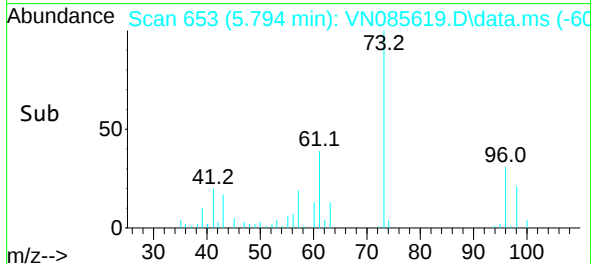
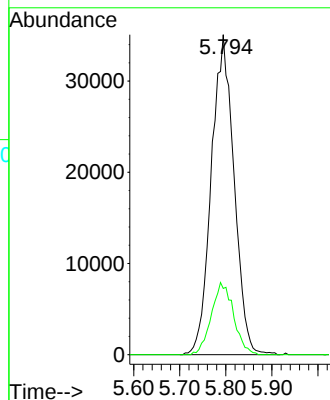
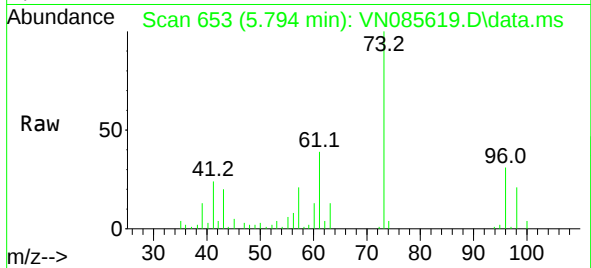




#19  
Methyl tert-butyl Ether  
Concen: 18.249 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

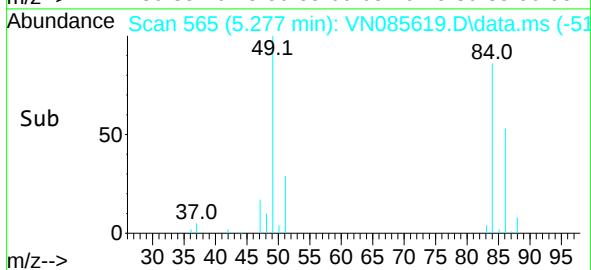
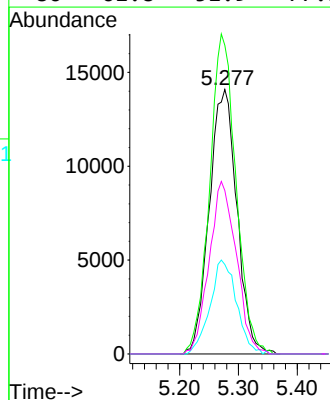
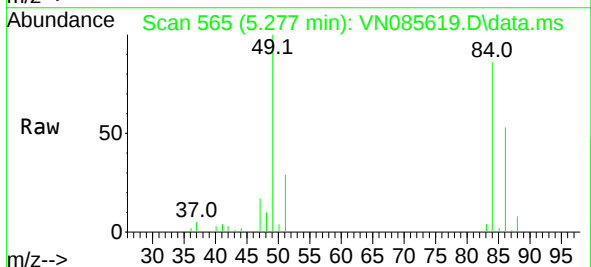
Instrument :  
MSVOA\_N  
ClientSampleId :

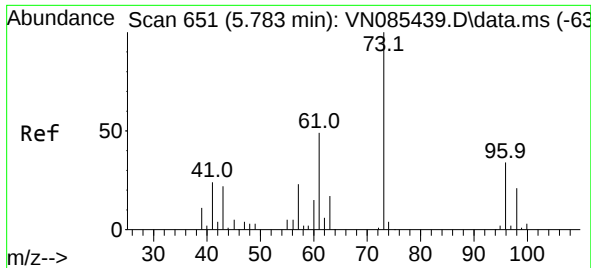
Tgt Ion: 73 Resp: 120113  
Ion Ratio Lower Upper  
73 100  
57 20.7 17.8 26.8



#20  
Methylene Chloride  
Concen: 18.858 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 84 Resp: 45987  
Ion Ratio Lower Upper  
84 100  
49 116.7 104.1 156.1  
51 33.8 31.0 46.4  
86 61.8 51.9 77.9

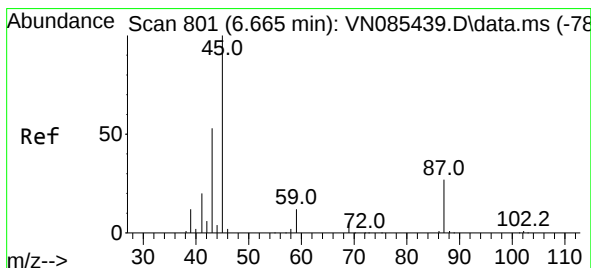
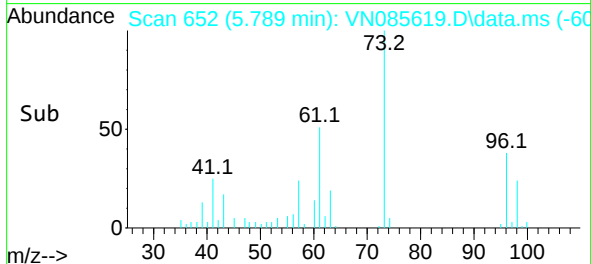
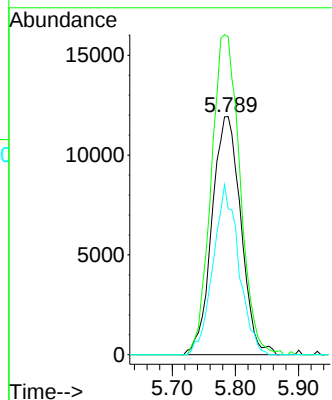
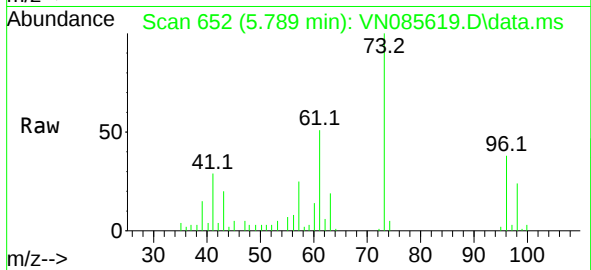




#21  
trans-1,2-Dichloroethene  
Concen: 17.489 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

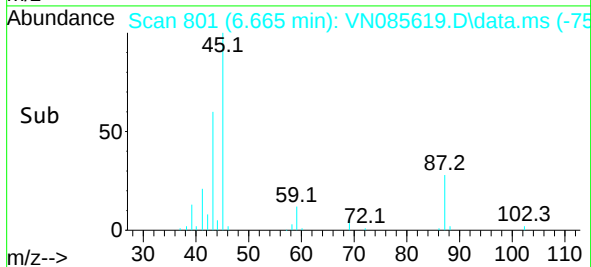
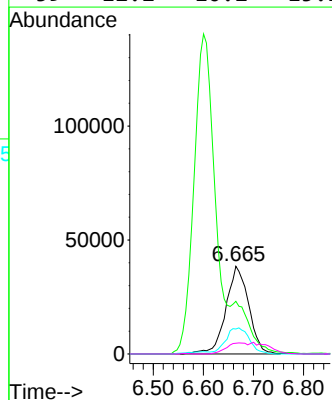
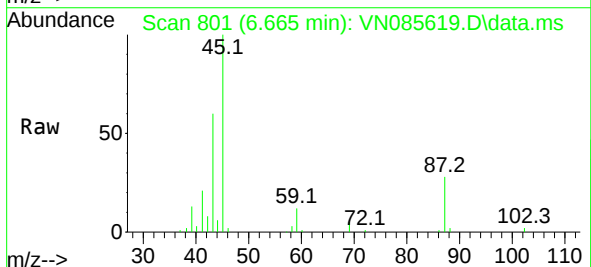
Instrument :  
MSVOA\_N  
ClientSampleId :

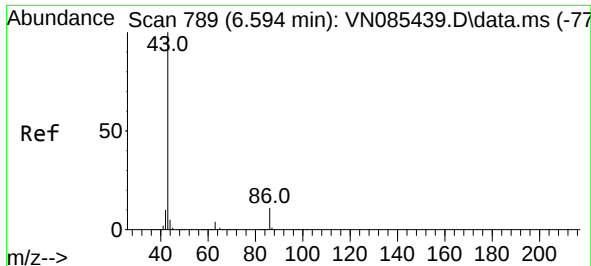
Tgt Ion: 96 Resp: 37886  
Ion Ratio Lower Upper  
96 100  
61 133.6 115.7 173.5  
98 61.3 49.8 74.8



#22  
Diisopropyl ether  
Concen: 16.651 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

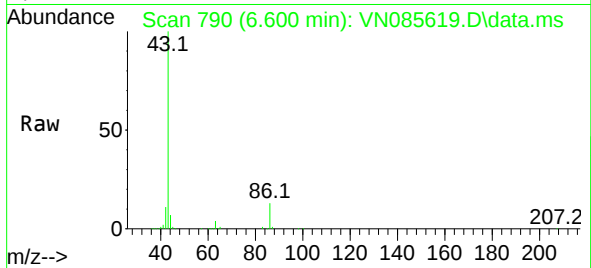
Tgt Ion: 45 Resp: 121562  
Ion Ratio Lower Upper  
45 100  
43 57.9 45.0 67.6  
87 28.5 21.8 32.8  
59 12.2 10.2 15.2



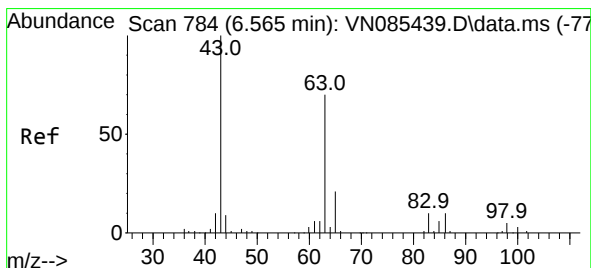
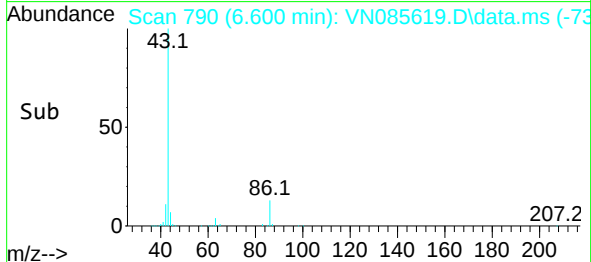
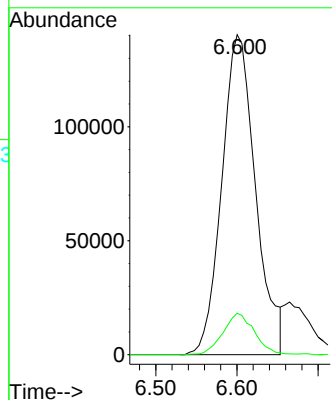


#23  
 Vinyl Acetate  
 Concen: 79.484 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :

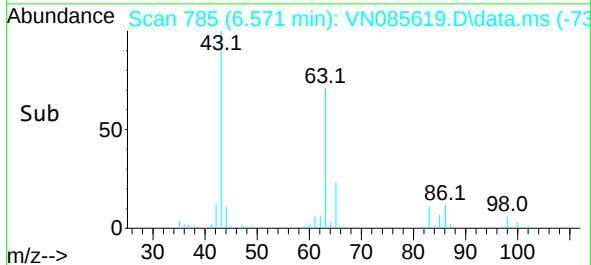
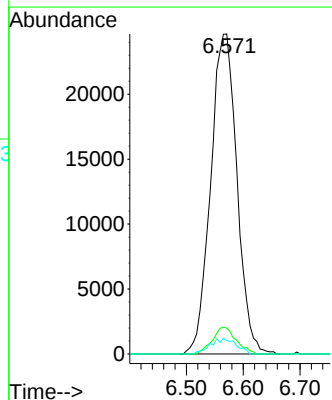
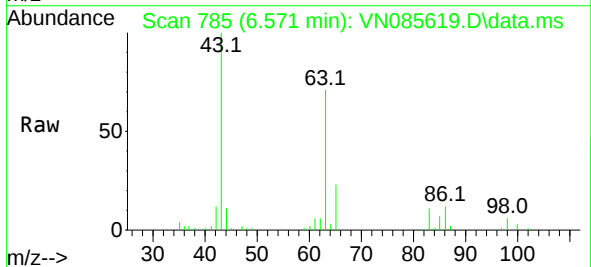


Tgt Ion: 43 Resp: 406095  
 Ion Ratio Lower Upper  
 43 100  
 86 12.9 8.4 12.6#



#24  
 1,1-Dichloroethane  
 Concen: 17.785 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

Tgt Ion: 63 Resp: 79173  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 3.3 9.8  
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 88.606 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA\_N

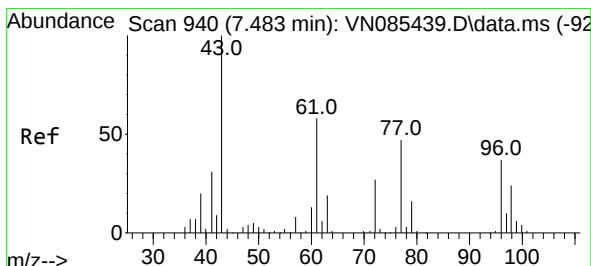
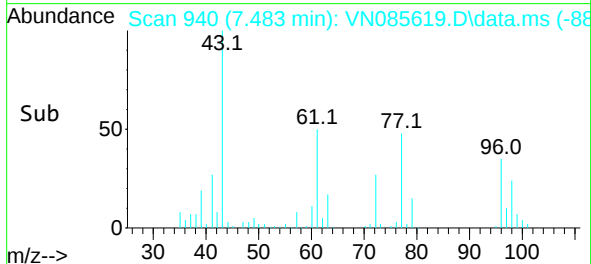
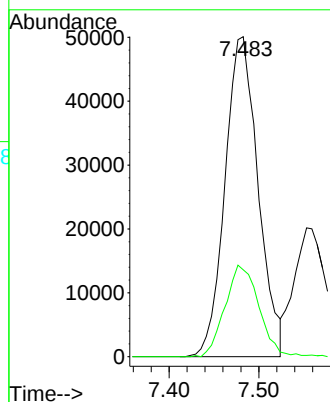
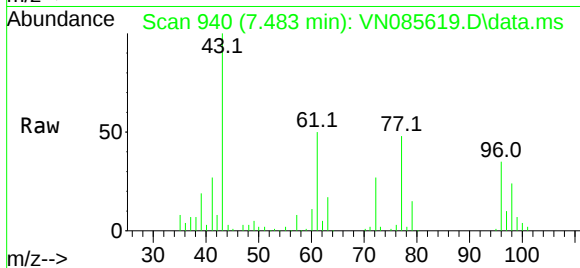
ClientSampleId :

Tgt Ion: 43 Resp: 128446

Ion Ratio Lower Upper

43 100

72 27.2 20.2 30.4



#26

2,2-Dichloropropane

Concen: 19.060 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN085619.D

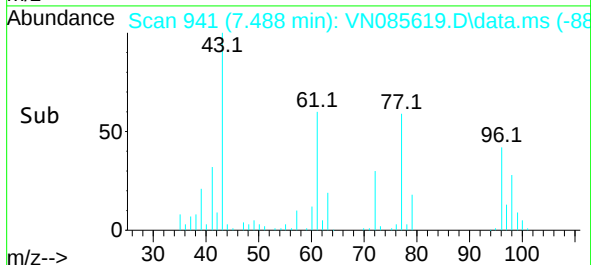
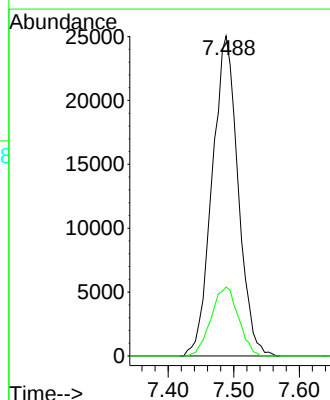
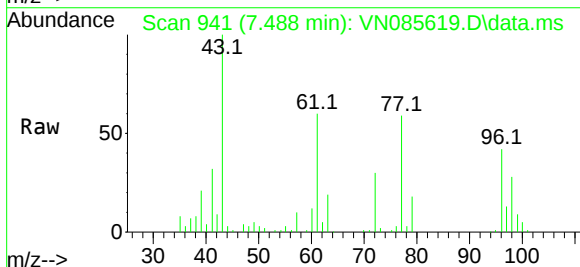
Acq: 03 Feb 2025 13:58

Tgt Ion: 77 Resp: 68597

Ion Ratio Lower Upper

77 100

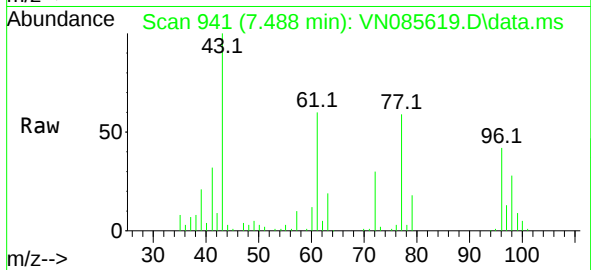
97 22.7 10.7 32.1





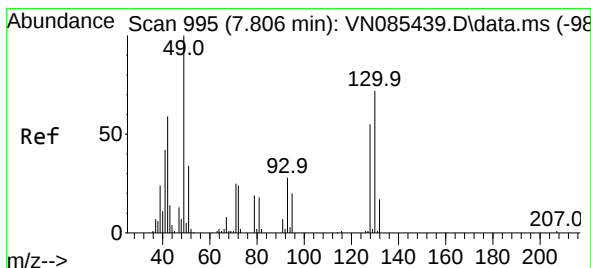
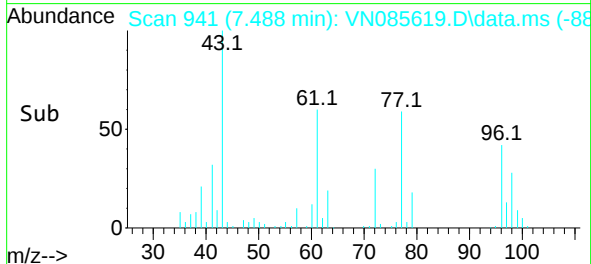
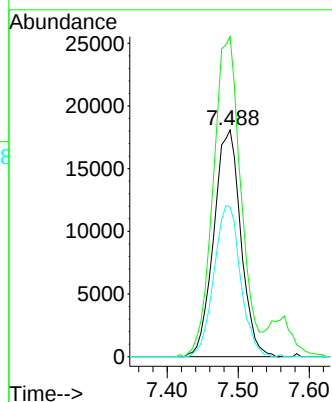
#27  
 cis-1,2-Dichloroethene  
 Concen: 18.700 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 96 Resp: 47714

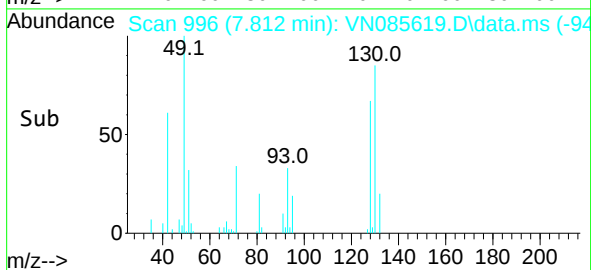
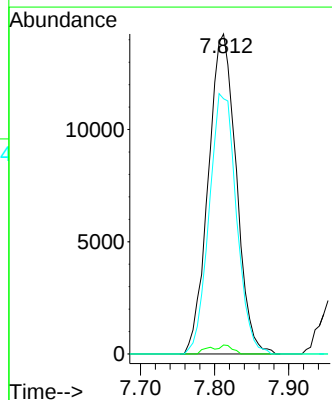
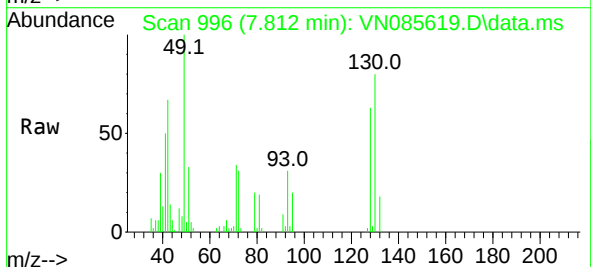
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 144.9 | 0.0   | 311.8 |
| 98  | 65.6  | 0.0   | 126.0 |

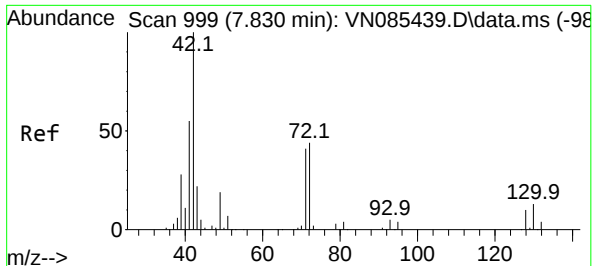


#28  
 Bromochloromethane  
 Concen: 18.074 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

Tgt Ion: 49 Resp: 37432

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.3   | 0.0   | 4.4   |
| 130 | 79.3  | 55.0  | 82.4  |





#29

Tetrahydrofuran

Concen: 90.042 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085619.D

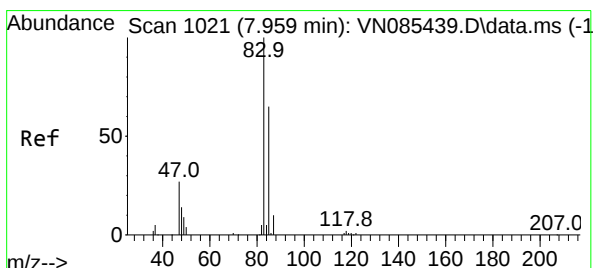
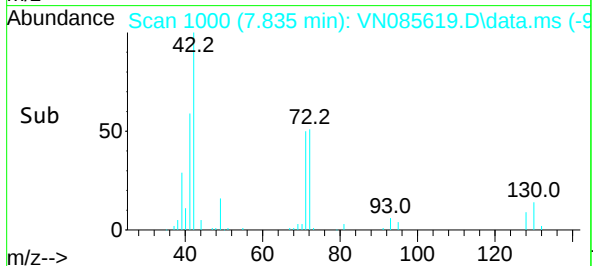
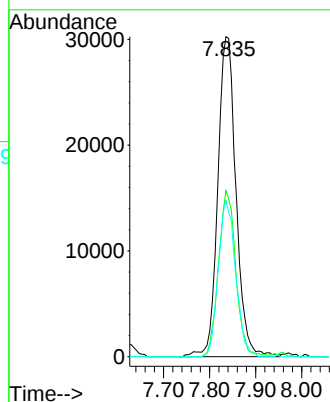
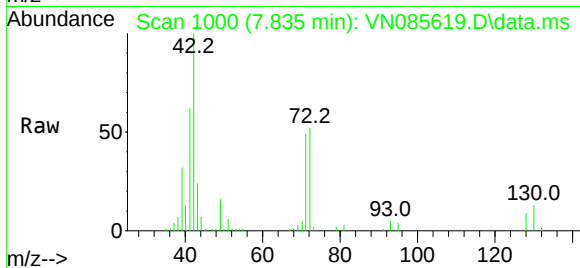
Acq: 03 Feb 2025 13:58

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 82755 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 49.2  | 34.2  | 51.2  |
| 71       | 46.3  | 32.5  | 48.7  |



#30

Chloroform

Concen: 19.043 ug/l

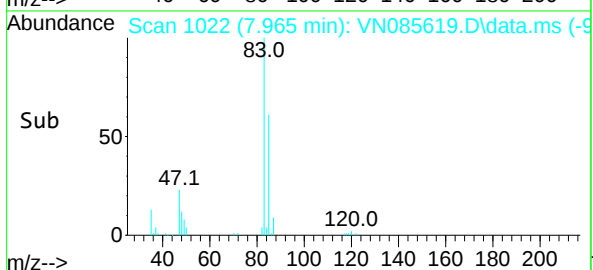
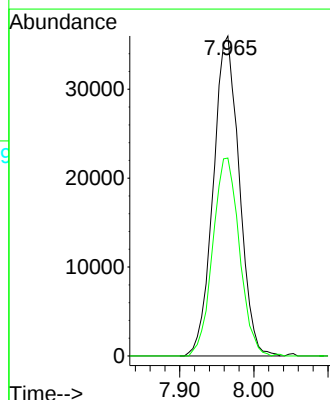
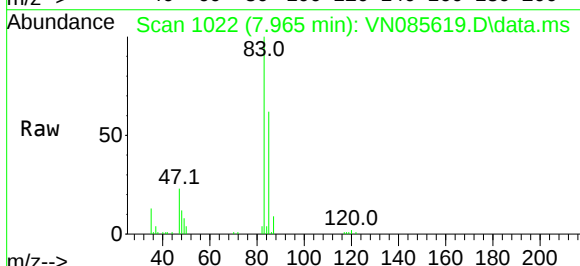
RT: 7.965 min Scan# 1022

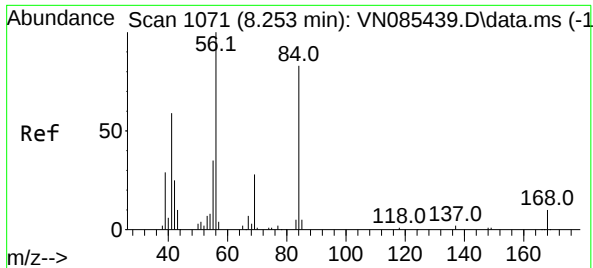
Delta R.T. 0.006 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

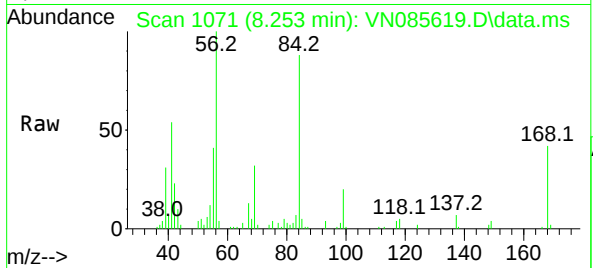
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 87616 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.8  | 51.8  | 77.6  |



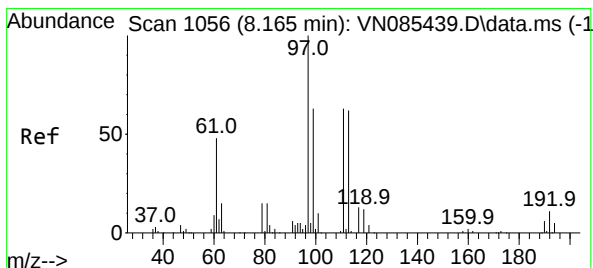
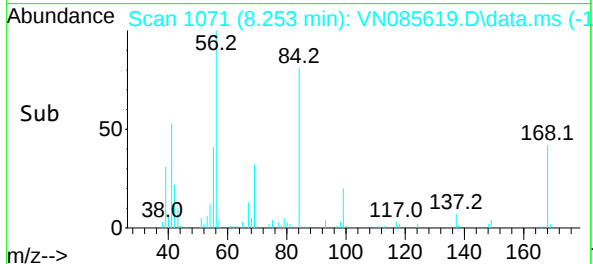
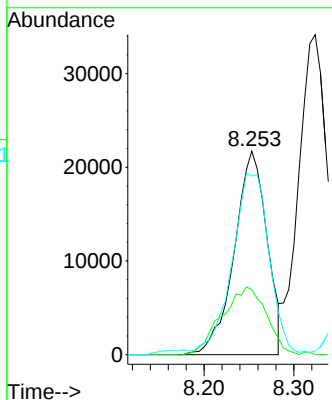


#31  
Cyclohexane  
Concen: 14.205 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Instrument :  
MSVOA\_N  
ClientSampleId :

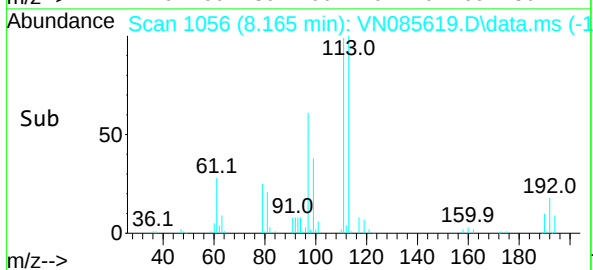
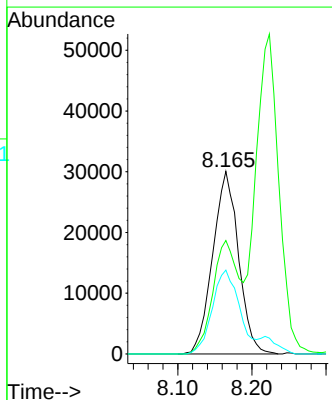
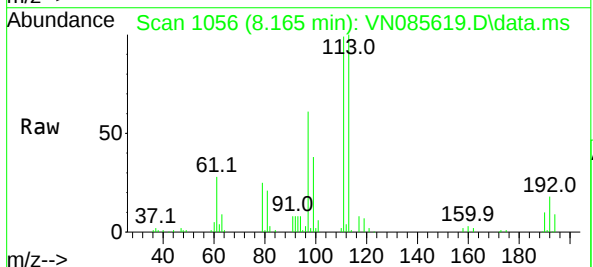


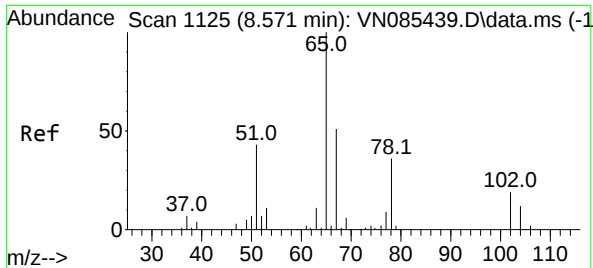
Tgt Ion: 56 Resp: 54962  
Ion Ratio Lower Upper  
56 100  
69 31.9 22.2 33.4  
84 85.9 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 17.987 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 97 Resp: 72591  
Ion Ratio Lower Upper  
97 100  
99 63.1 49.8 74.6  
61 48.7 41.4 62.2

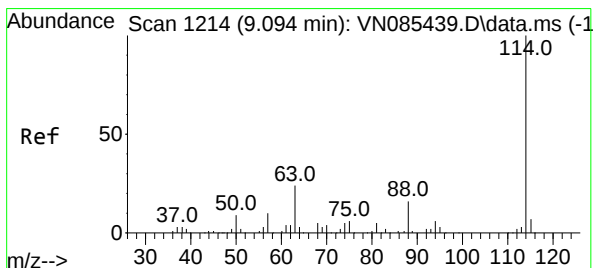
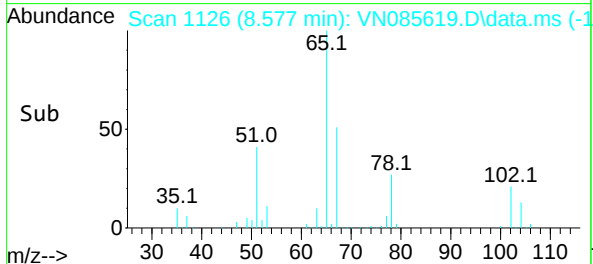
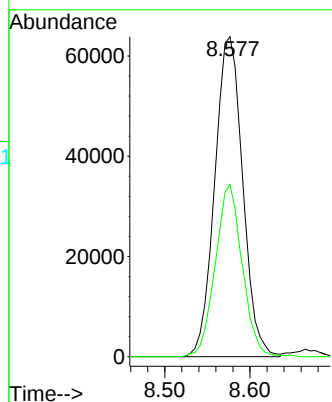
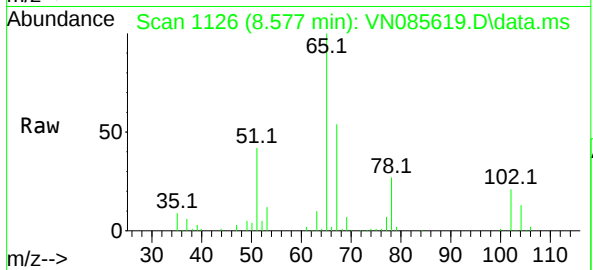




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.758 ug/l  
 RT: 8.577 min Scan# 1125  
 Delta R.T. 0.006 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

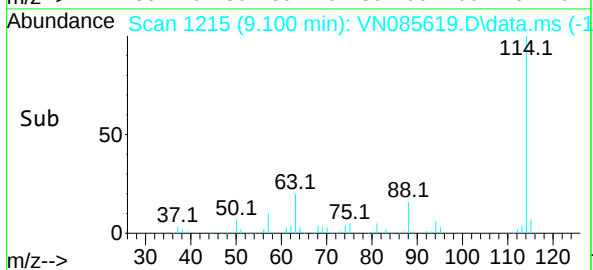
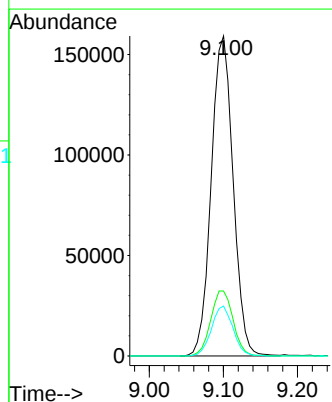
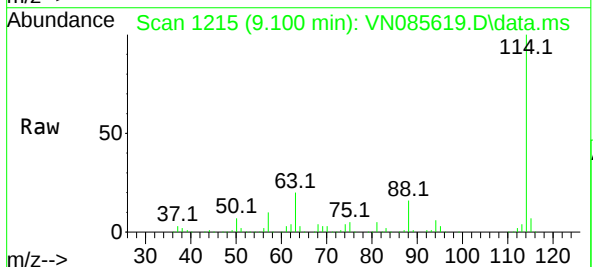
Instrument :  
 MSVOA\_N  
 ClientSampleId :

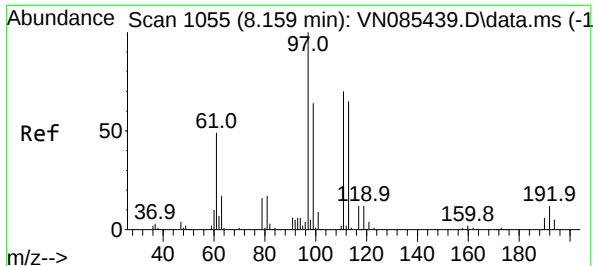
Tgt Ion: 65 Resp: 145603  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 101.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.006 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

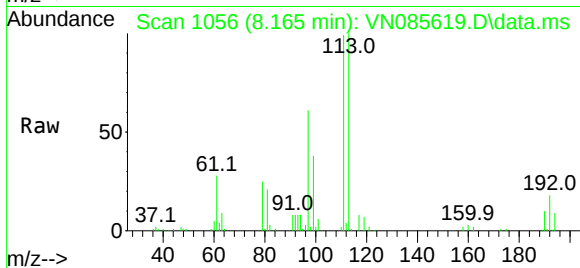
Tgt Ion: 114 Resp: 327054  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 47.6  
 88 15.6 0.0 32.6



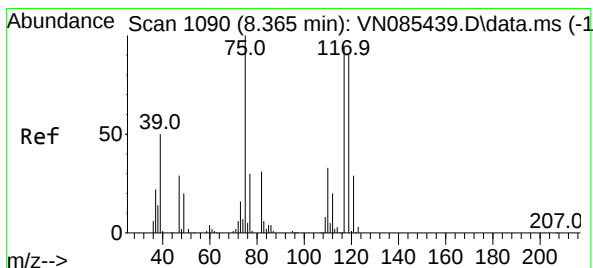
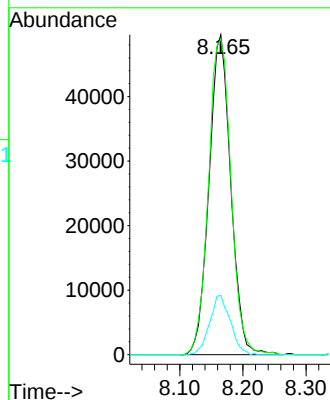
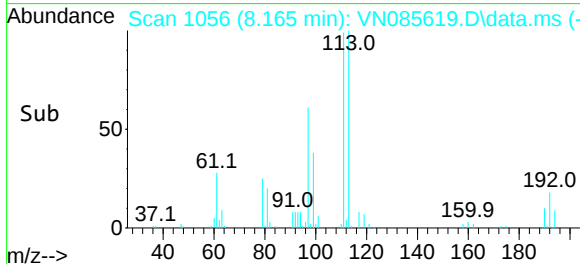


#35  
 Dibromofluoromethane  
 Concen: 52.239 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. 0.006 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

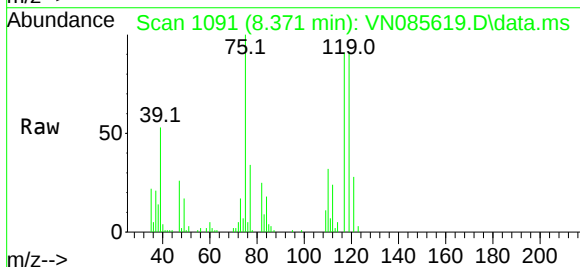
Instrument :  
 MSVOA\_N  
 ClientSampleId :



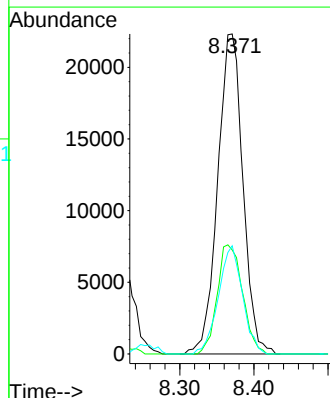
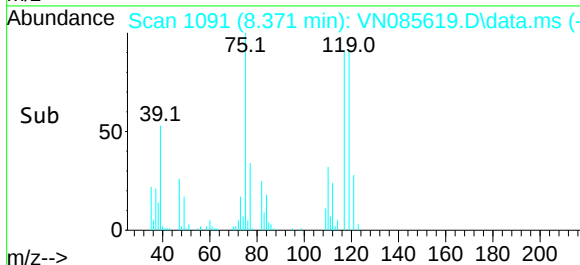
Tgt Ion:113 Resp: 118527  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 82.7 124.1  
 192 17.7 14.3 21.5



#36  
 1,1-Dichloropropene  
 Concen: 16.530 ug/l  
 RT: 8.371 min Scan# 1091  
 Delta R.T. 0.006 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58



Tgt Ion: 75 Resp: 52640  
 Ion Ratio Lower Upper  
 75 100  
 110 34.2 16.5 49.5  
 77 32.4 24.4 36.6

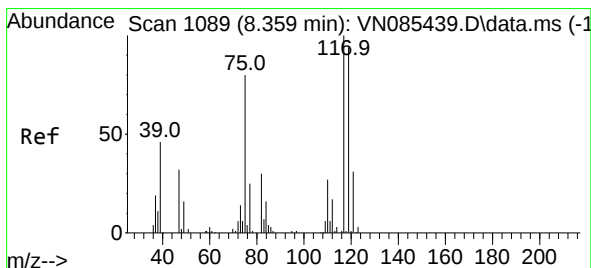
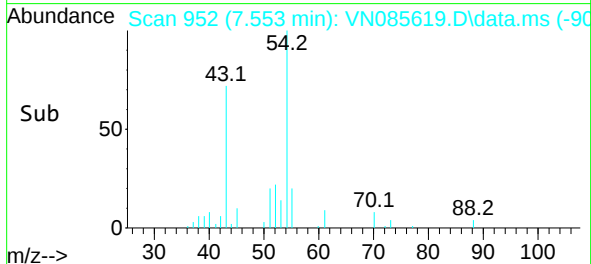
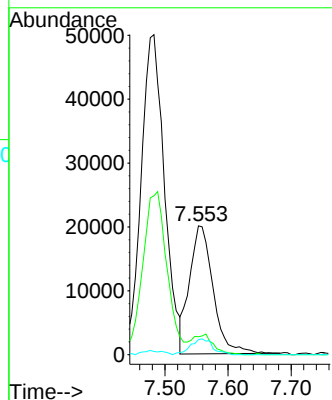
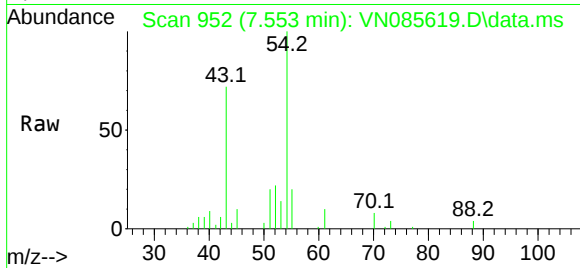




#37  
Ethyl Acetate  
Concen: 16.226 ug/l  
RT: 7.553 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

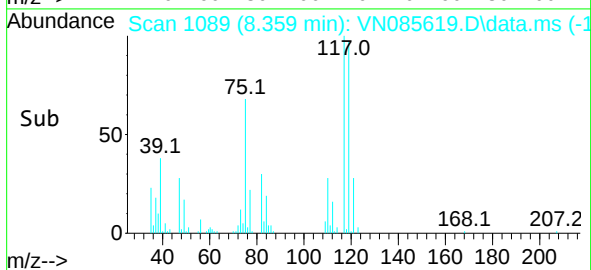
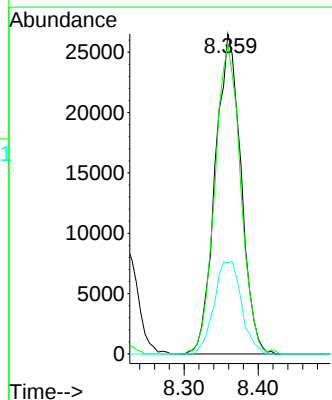
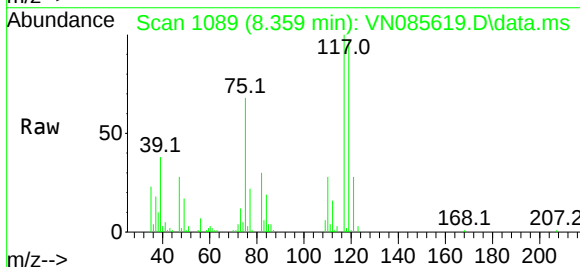
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 52153  
Ion Ratio Lower Upper  
43 100  
61 14.1 10.9 16.3  
70 11.5 7.5 11.3#



#38  
Carbon Tetrachloride  
Concen: 17.539 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion:117 Resp: 63941  
Ion Ratio Lower Upper  
117 100  
119 96.8 75.4 113.2  
121 28.5 24.6 37.0





#39

Methylcyclohexane

Concen: 15.712 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA\_N

ClientSampleId :

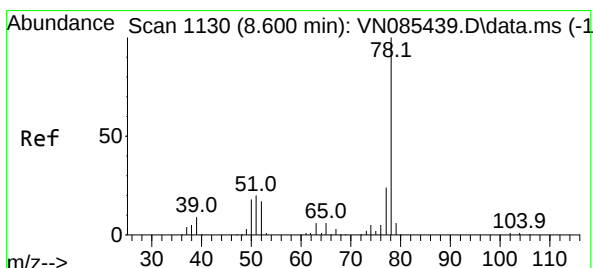
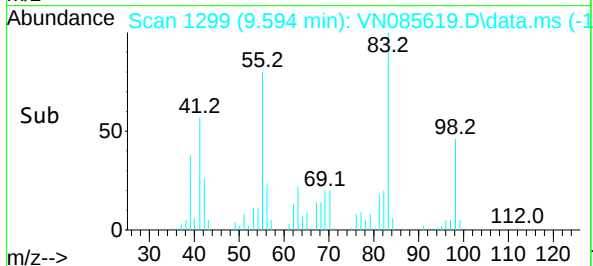
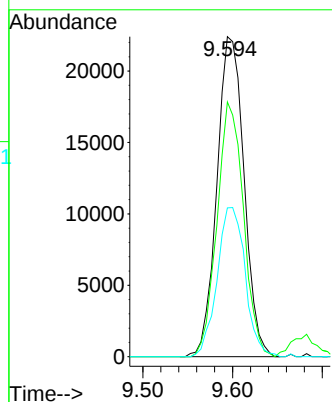
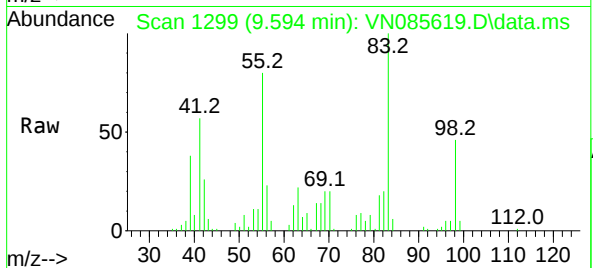
Tgt Ion: 83 Resp: 47017

Ion Ratio Lower Upper

83 100

55 79.6 62.6 94.0

98 46.5 37.7 56.5



#40

Benzene

Concen: 18.610 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085619.D

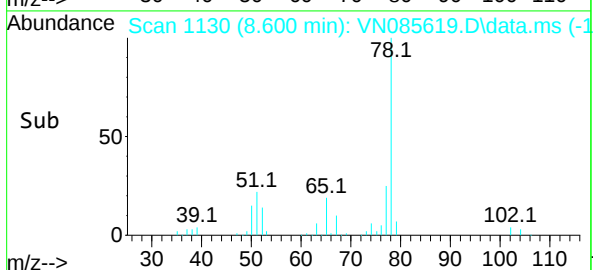
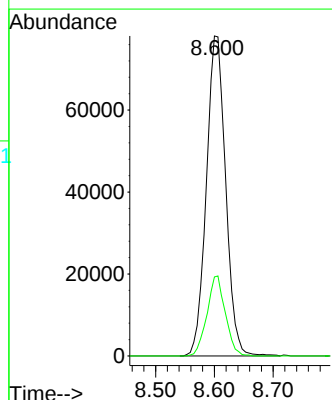
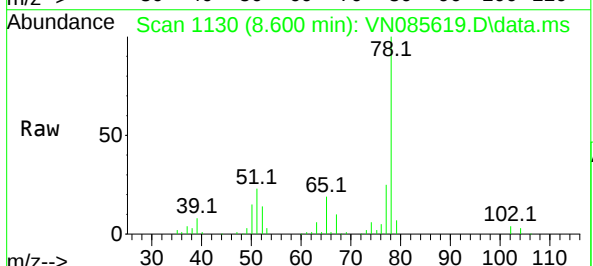
Acq: 03 Feb 2025 13:58

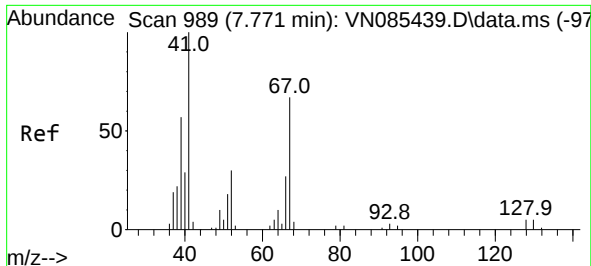
Tgt Ion: 78 Resp: 178066

Ion Ratio Lower Upper

78 100

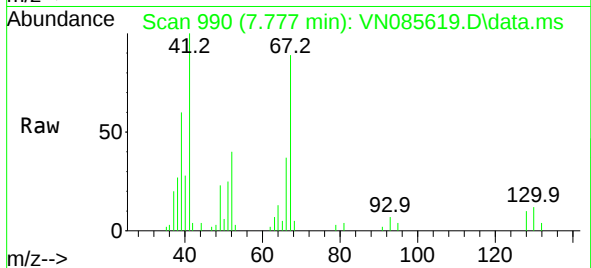
77 24.7 19.0 28.6



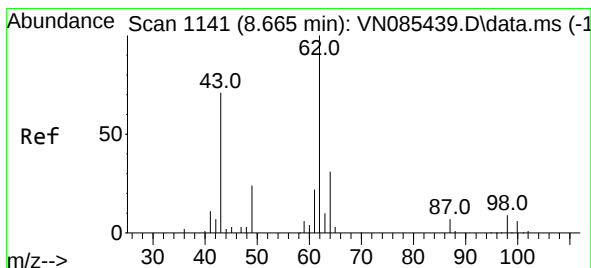
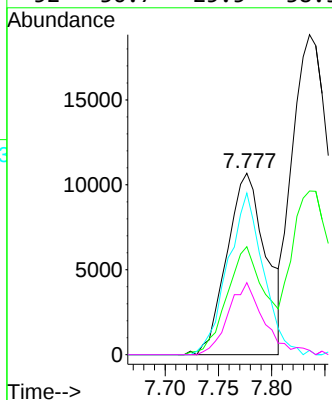
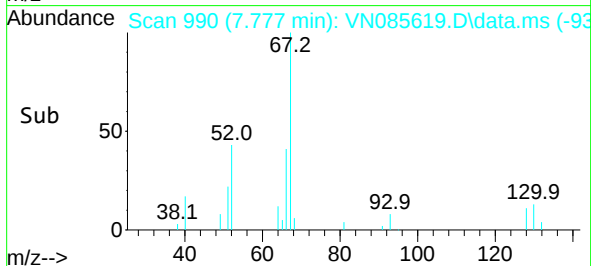


#41  
Methacrylonitrile  
Concen: 16.257 ug/l  
RT: 7.777 min Scan# 989  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Instrument :  
MSVOA\_N  
ClientSampleId :

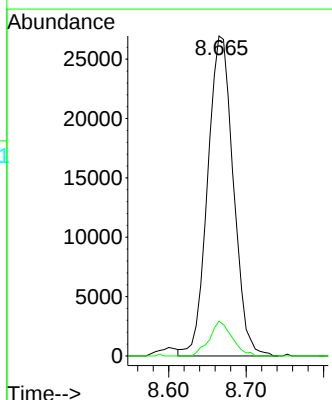
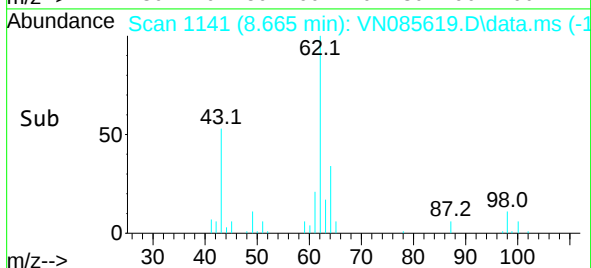
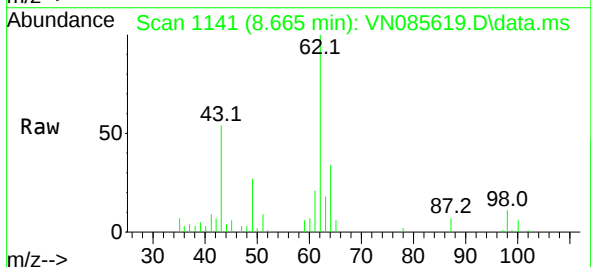


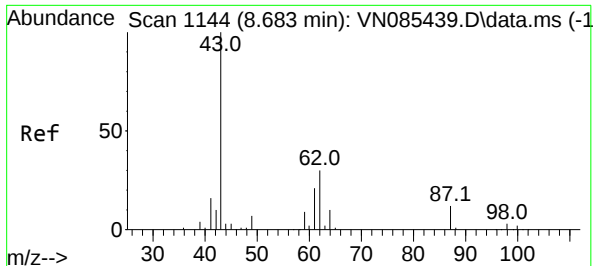
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 27186 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 58.7     | 46.0 69.0   |
| 67 81.3     | 57.4 86.2   |
| 52 36.7     | 25.5 38.3   |



#42  
1,2-Dichloroethane  
Concen: 17.238 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 62118 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.5      | 0.0 17.0    |

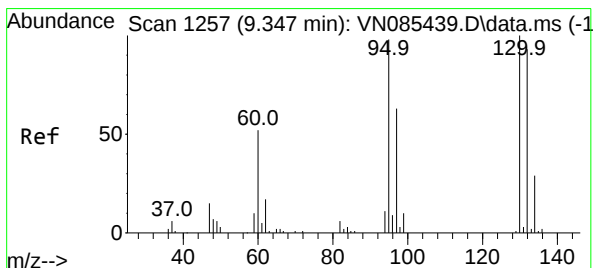
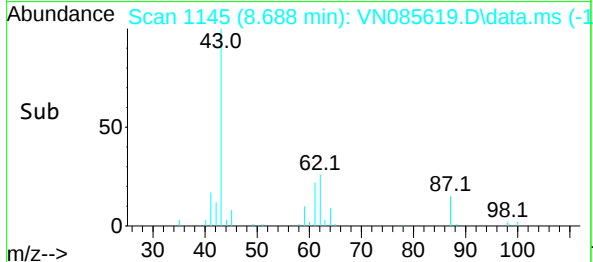
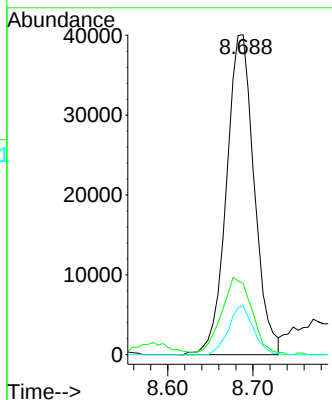
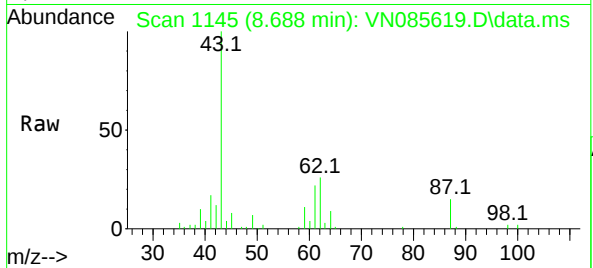




#43  
Isopropyl Acetate  
Concen: 17.628 ug/l  
RT: 8.688 min Scan# 1144  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

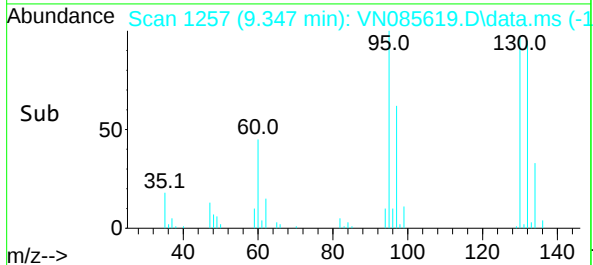
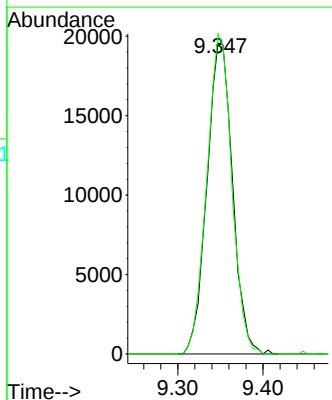
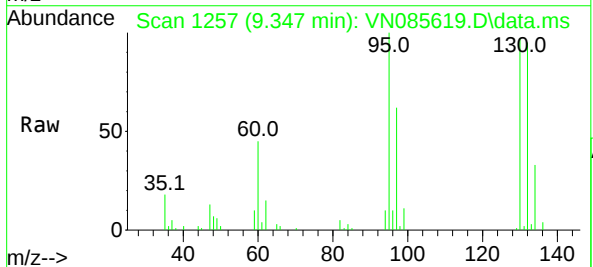
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 90788  
Ion Ratio Lower Upper  
43 100  
61 26.7 20.7 31.1  
87 13.7 9.8 14.8



#44  
Trichloroethene  
Concen: 18.397 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion:130 Resp: 40975  
Ion Ratio Lower Upper  
130 100  
95 102.9 0.0 195.8





#45

1,2-Dichloropropane

Concen: 18.152 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA\_N

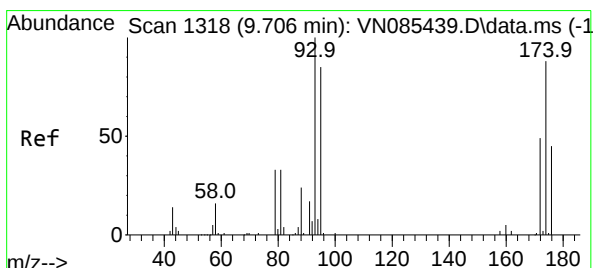
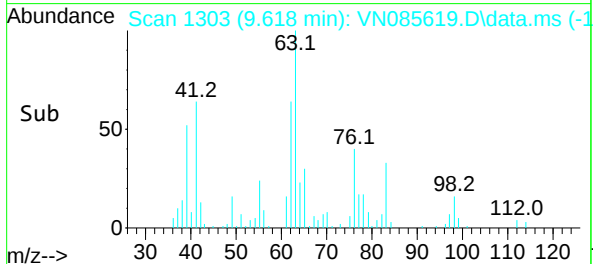
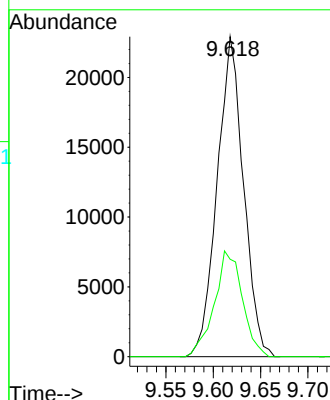
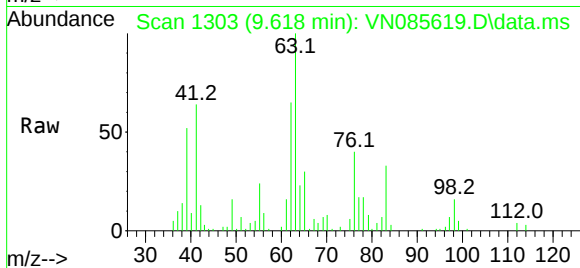
ClientSampleId :

Tgt Ion: 63 Resp: 44363

Ion Ratio Lower Upper

63 100

65 30.5 25.6 38.4



#46

Dibromomethane

Concen: 18.464 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

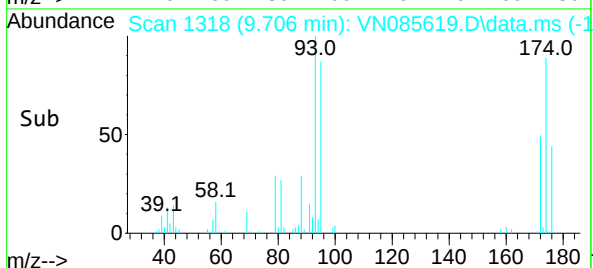
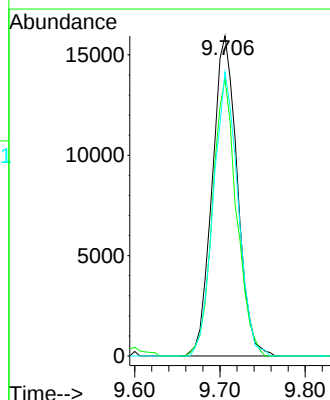
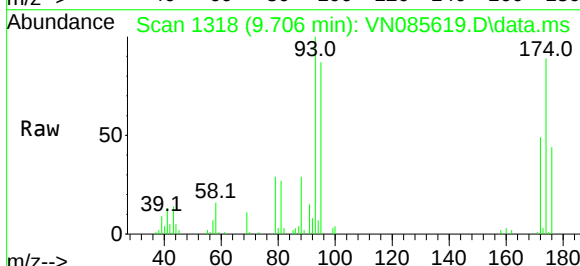
Tgt Ion: 93 Resp: 32561

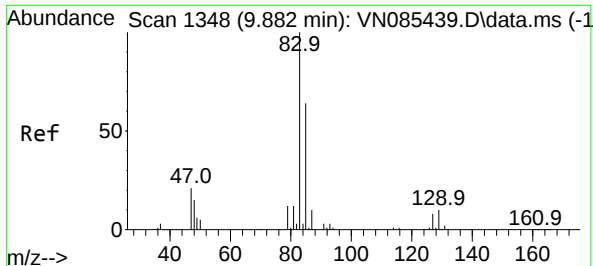
Ion Ratio Lower Upper

93 100

95 82.8 64.7 97.1

174 86.8 69.0 103.4

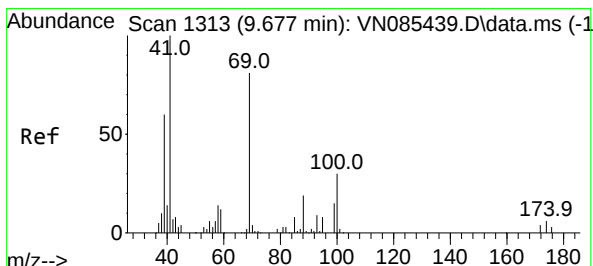
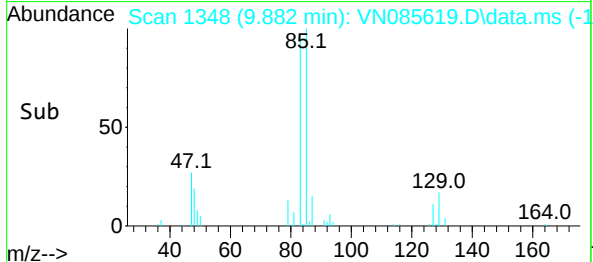
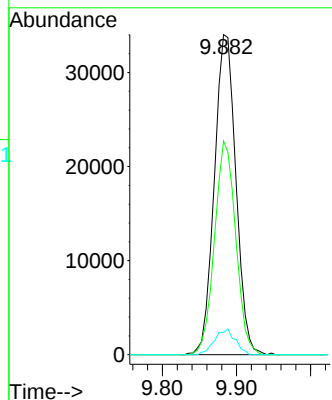
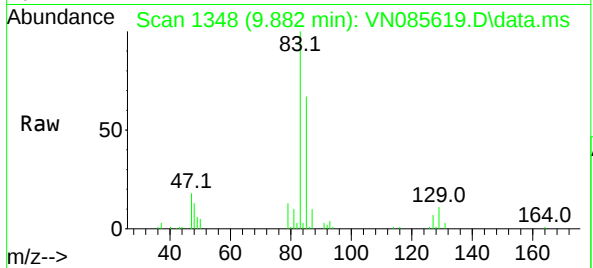




#47  
Bromodichloromethane  
Concen: 19.139 ug/l  
RT: 9.882 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

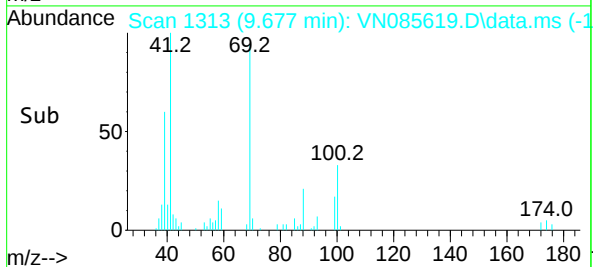
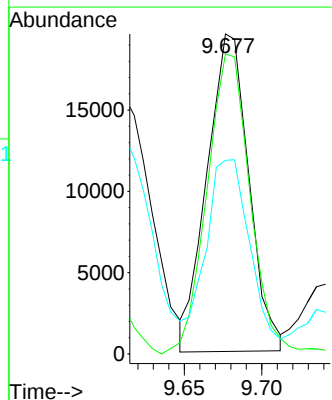
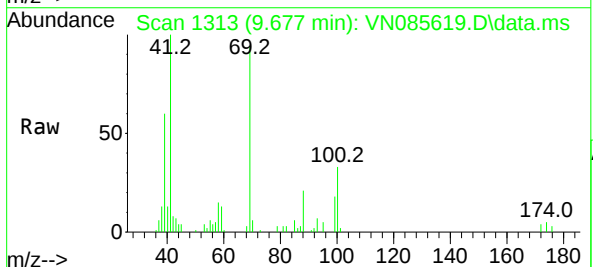
Instrument :  
MSVOA\_N  
ClientSampleId :

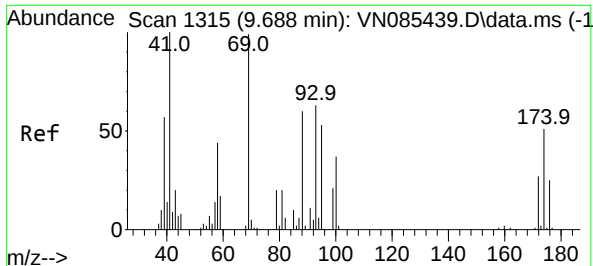
Tgt Ion: 83 Resp: 68763  
Ion Ratio Lower Upper  
83 100  
85 66.8 51.2 76.8  
127 7.0 6.5 9.7



#48  
Methyl methacrylate  
Concen: 15.797 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 41 Resp: 36614  
Ion Ratio Lower Upper  
41 100  
69 98.0 64.7 97.1#  
39 65.9 49.0 73.6





#49

1,4-Dioxane

Concen: 414.188 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

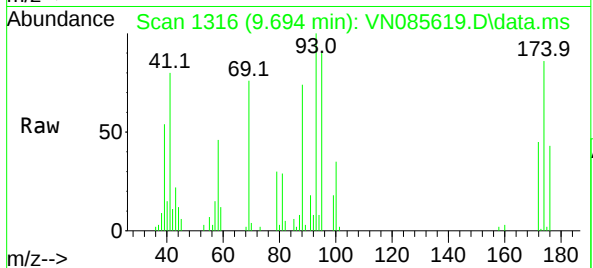
Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA\_N

ClientSampleId :



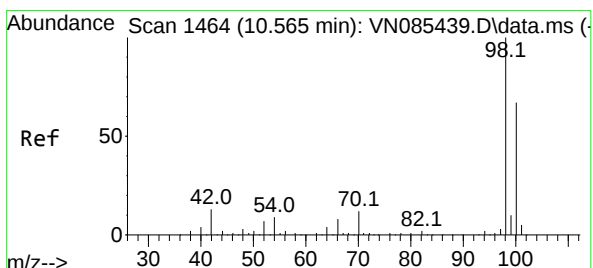
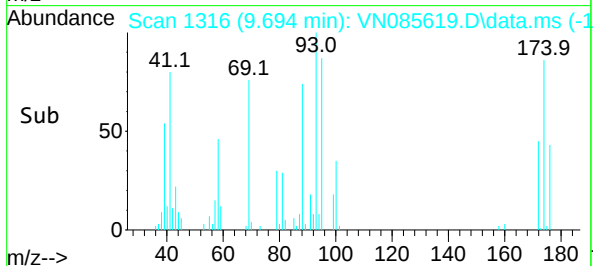
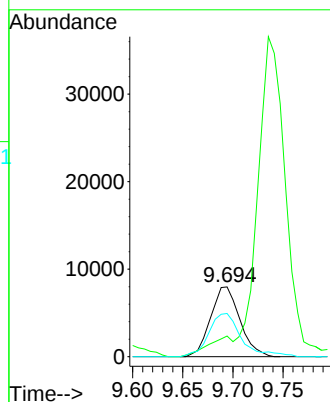
Tgt Ion: 88 Resp: 16166

Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 69.0 59.5 89.3



#50

Toluene-d8

Concen: 54.582 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085619.D

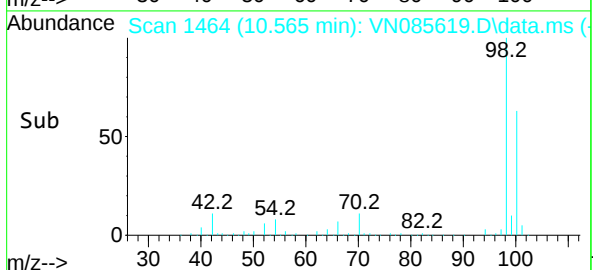
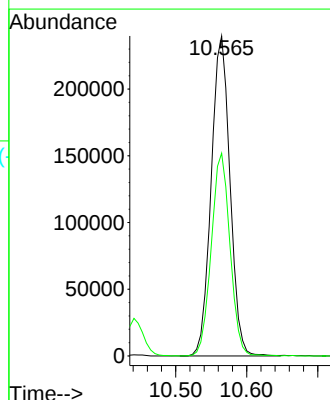
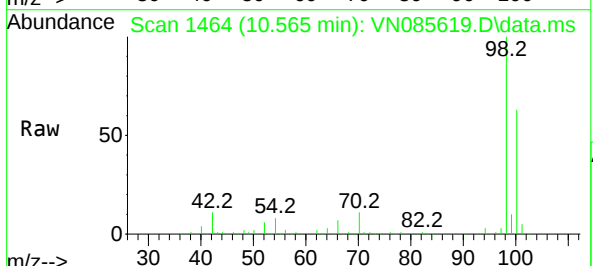
Acq: 03 Feb 2025 13:58

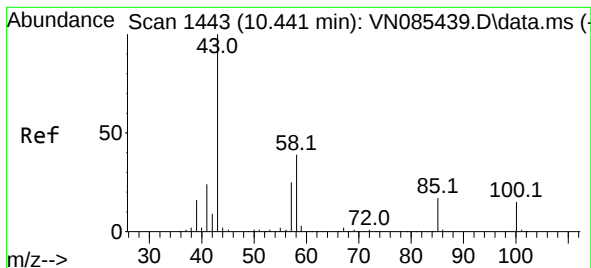
Tgt Ion: 98 Resp: 440013

Ion Ratio Lower Upper

98 100

100 63.1 52.2 78.4

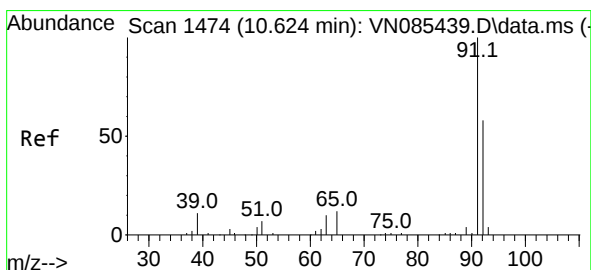
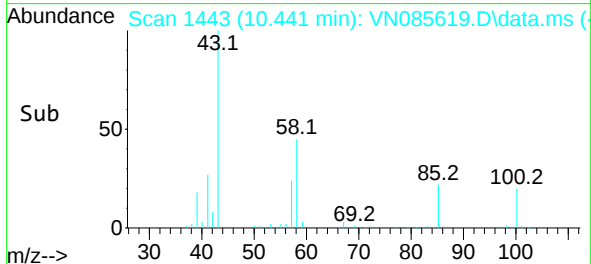
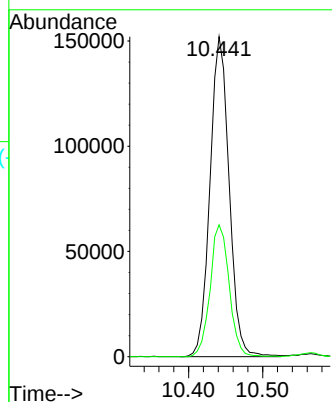
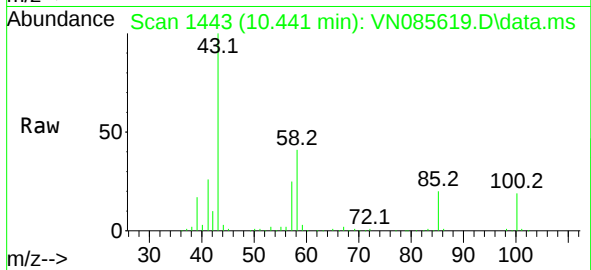




#51  
4-Methyl-2-Pentanone  
Concen: 91.380 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

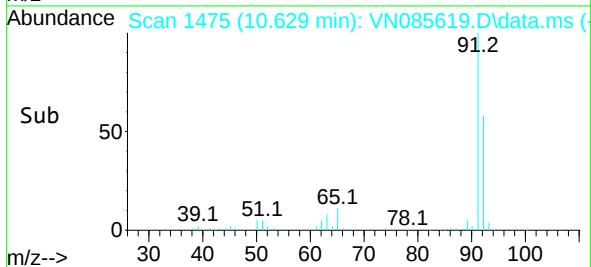
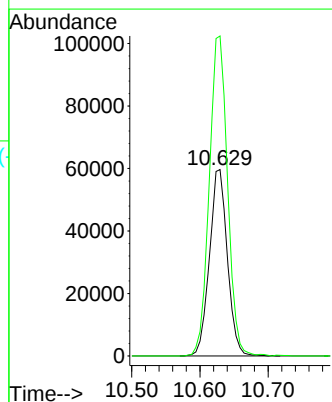
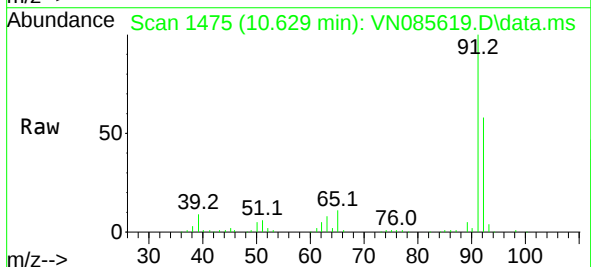
Instrument :  
MSVOA\_N  
ClientSampleId :

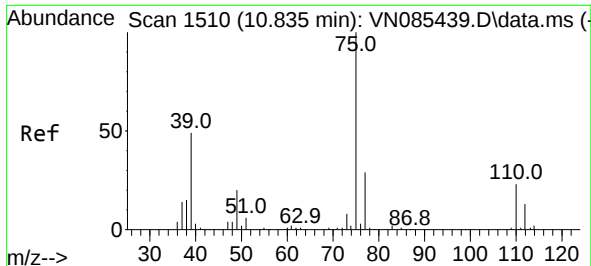
Tgt Ion: 43 Resp: 273103  
Ion Ratio Lower Upper  
43 100  
58 41.1 30.5 45.7



#52  
Toluene  
Concen: 19.678 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.005 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 92 Resp: 109097  
Ion Ratio Lower Upper  
92 100  
91 175.1 139.2 208.8

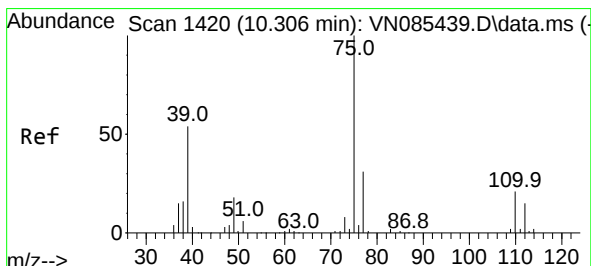
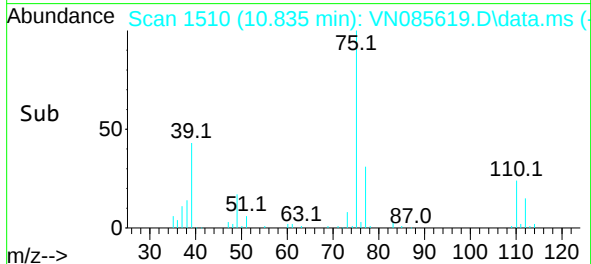
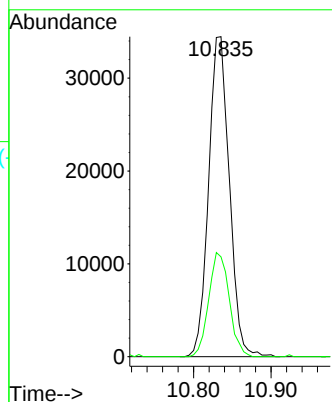
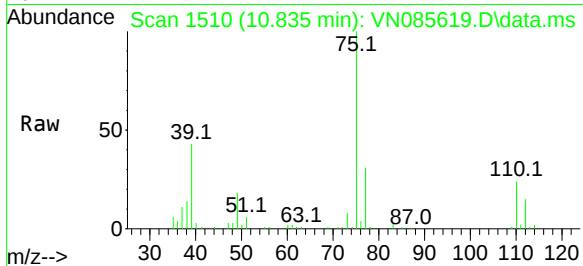




#53  
 t-1,3-Dichloropropene  
 Concen: 18.846 ug/l  
 RT: 10.835 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

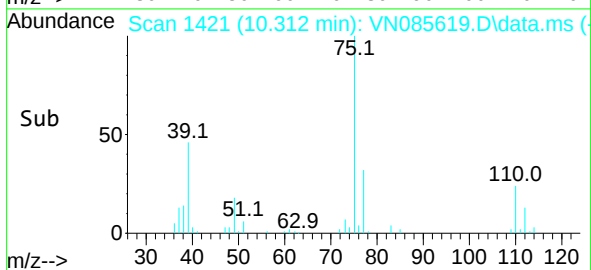
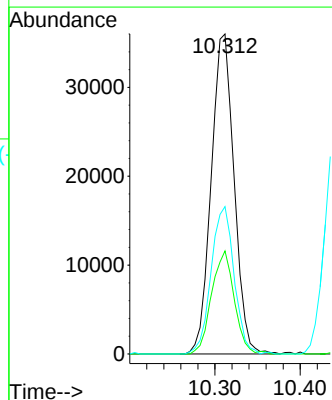
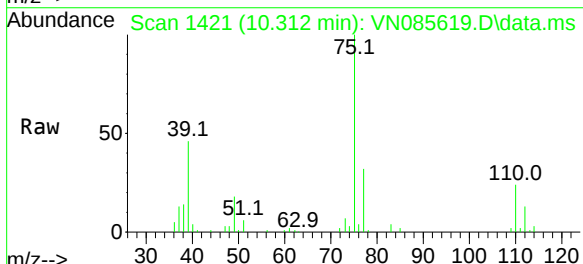
Instrument :  
 MSVOA\_N  
 ClientSampleId :

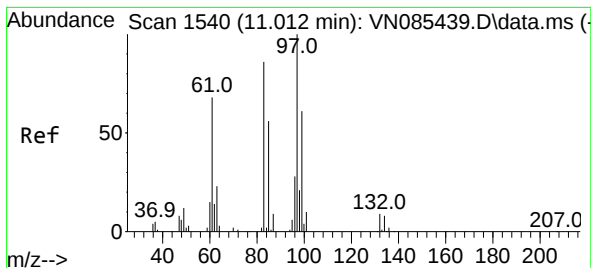
Tgt Ion: 75 Resp: 63985  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 23.5 35.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.516 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.006 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

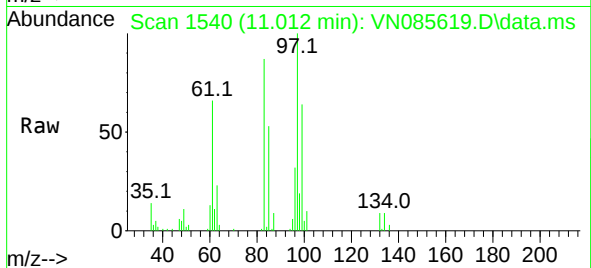
Tgt Ion: 75 Resp: 67151  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.0 37.4  
 39 46.0 43.1 64.7



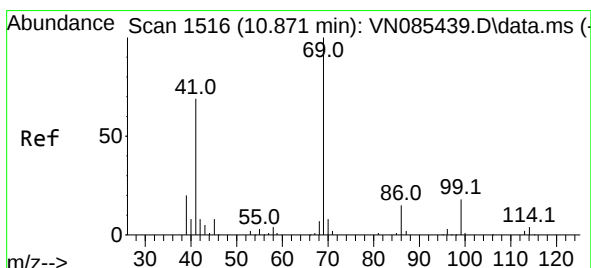
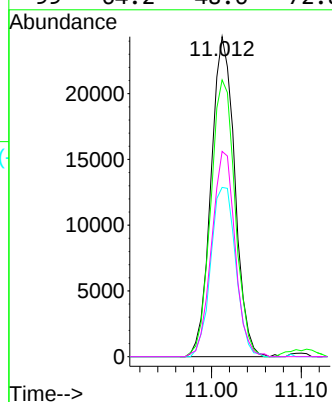
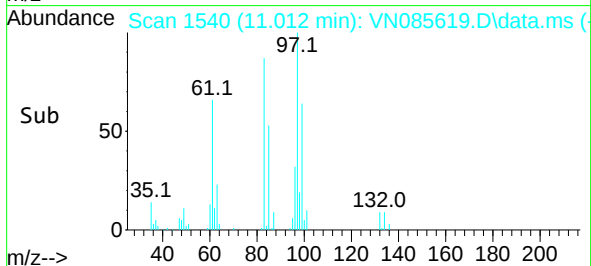


#55  
1,1,2-Trichloroethane  
Concen: 20.411 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

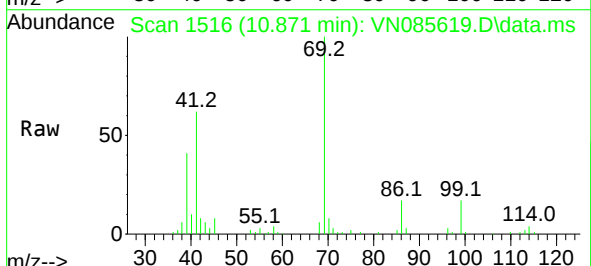
Instrument :  
MSVOA\_N  
ClientSampleId :



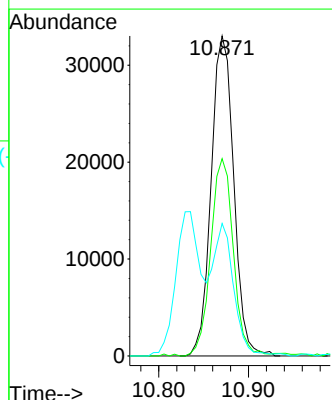
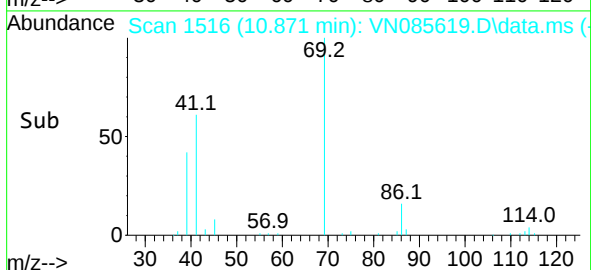
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 44783 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.5     | 69.0 103.6  |
| 85 52.9     | 44.6 66.8   |
| 99 64.2     | 48.6 72.8   |

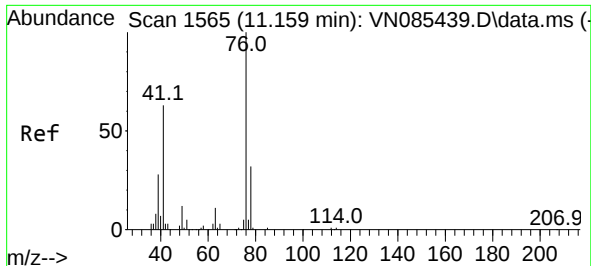


#56  
Ethyl methacrylate  
Concen: 16.950 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58



|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 57740 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 61.7     | 54.6 82.0   |
| 39 38.4     | 32.4 48.6   |





#57

1,3-Dichloropropane

Concen: 19.419 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA\_N

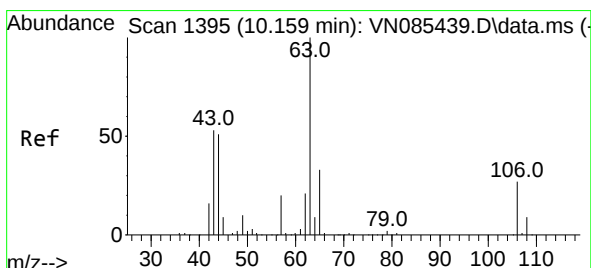
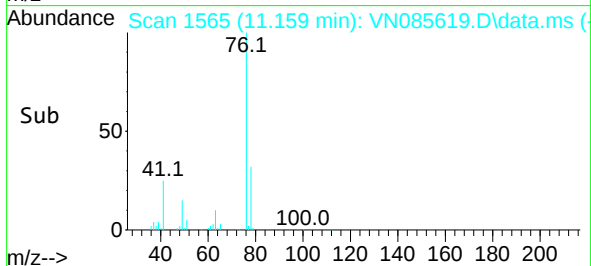
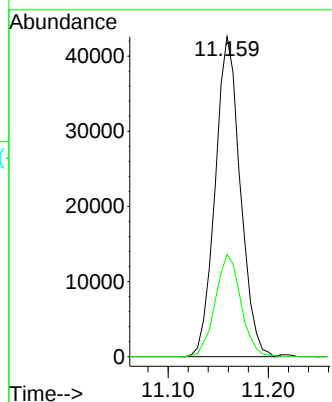
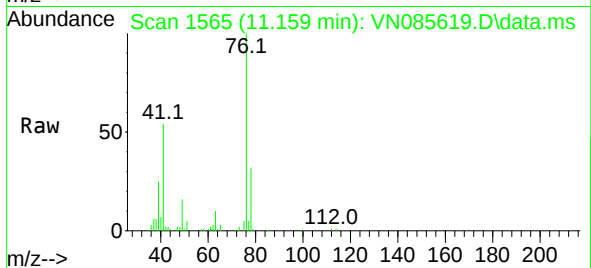
ClientSampleId :

Tgt Ion: 76 Resp: 74082

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 75.342 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085619.D

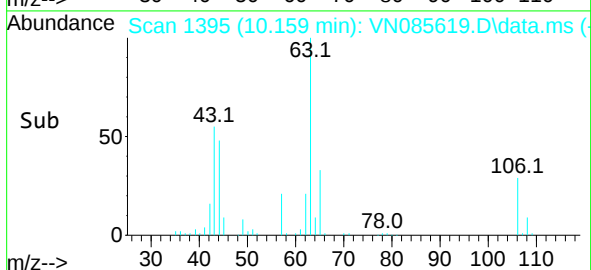
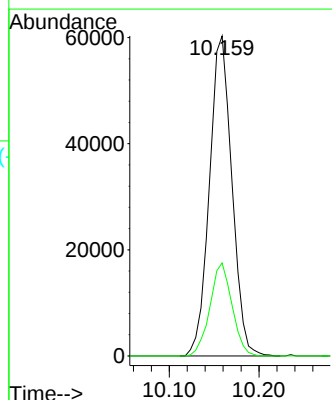
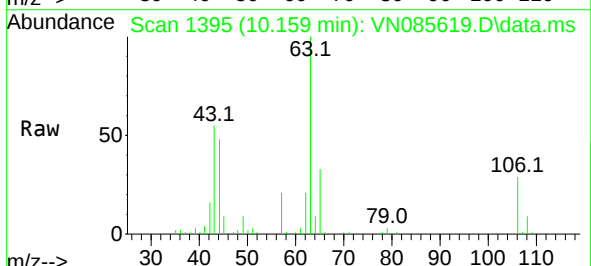
Acq: 03 Feb 2025 13:58

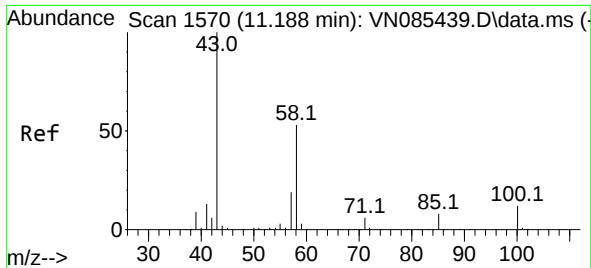
Tgt Ion: 63 Resp: 104900

Ion Ratio Lower Upper

63 100

106 28.6 21.6 32.4

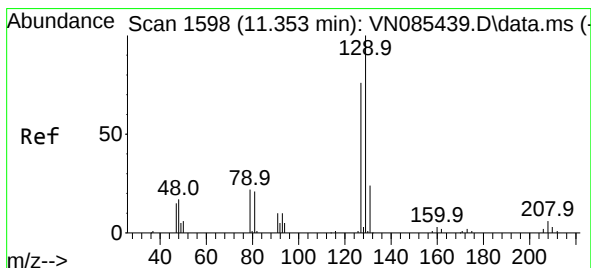
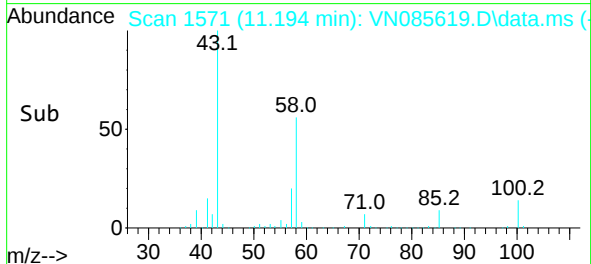
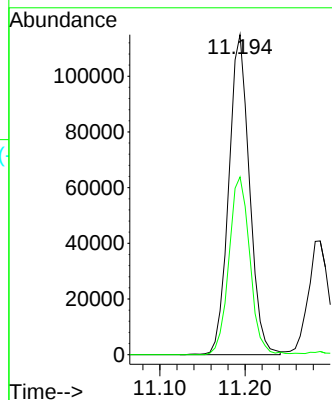
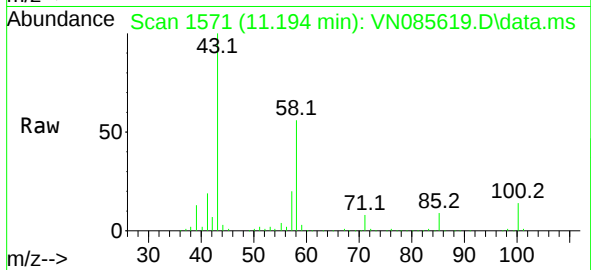




#59  
2-Hexanone  
Concen: 92.067 ug/l  
RT: 11.194 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

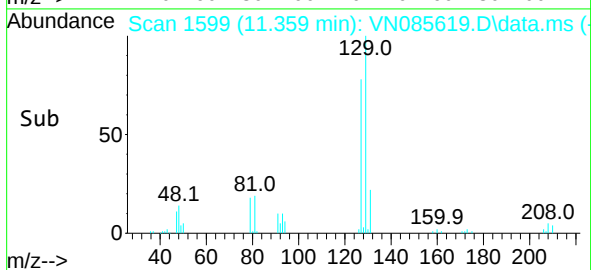
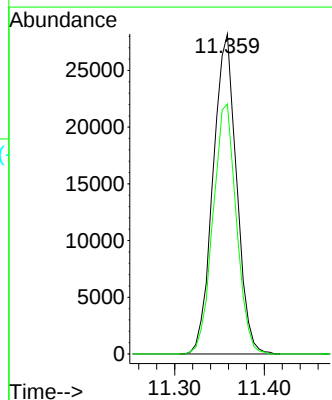
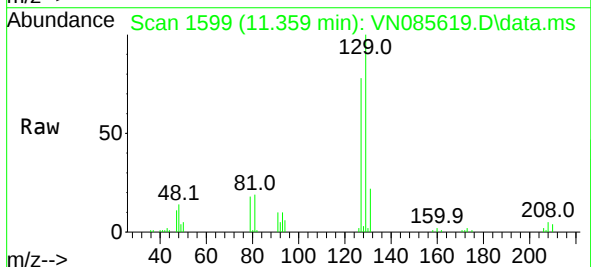
Instrument :  
MSVOA\_N  
ClientSampleId :

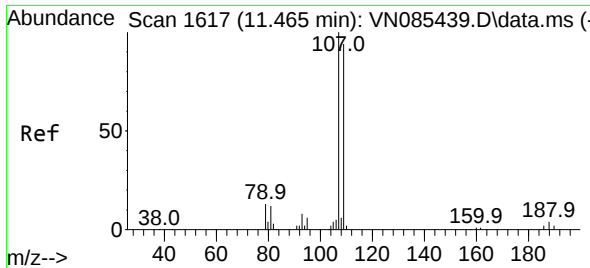
Tgt Ion: 43 Resp: 193608  
Ion Ratio Lower Upper  
43 100  
58 56.1 26.2 78.6



#60  
Dibromochloromethane  
Concen: 19.353 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion:129 Resp: 51263  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 115.8

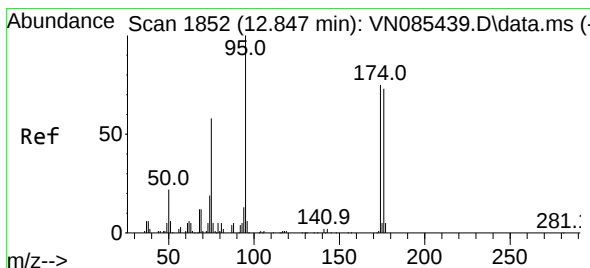
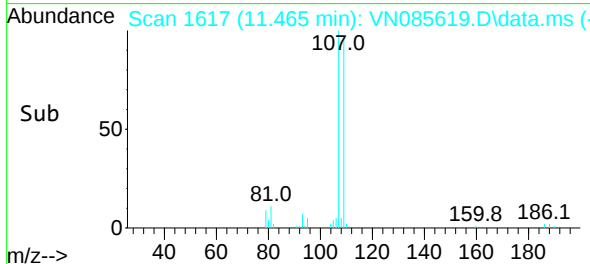
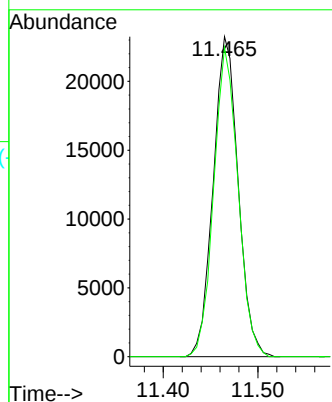
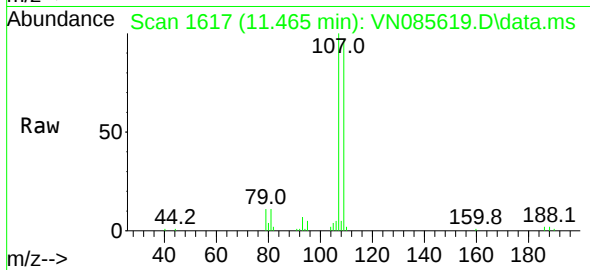




#61  
1,2-Dibromoethane  
Concen: 19.486 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

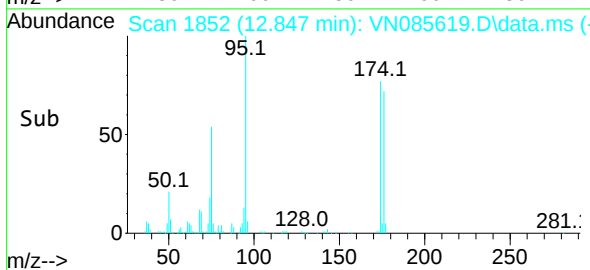
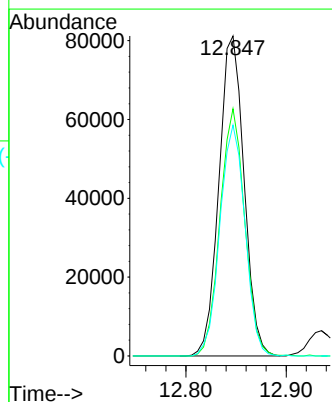
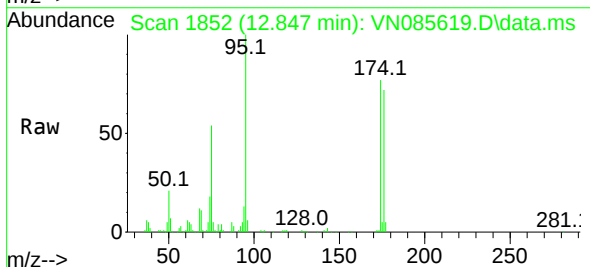
Instrument :  
MSVOA\_N  
ClientSampleId :

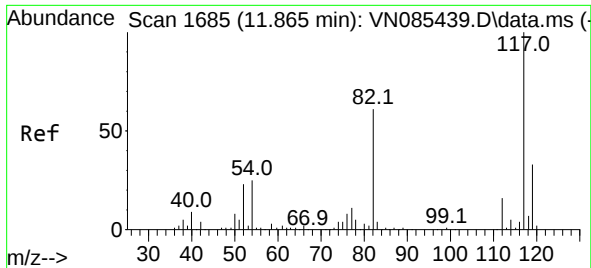
Tgt Ion:107 Resp: 42556  
Ion Ratio Lower Upper  
107 100  
109 94.1 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 51.128 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 95 Resp: 140993  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 145.0  
176 72.1 0.0 142.4

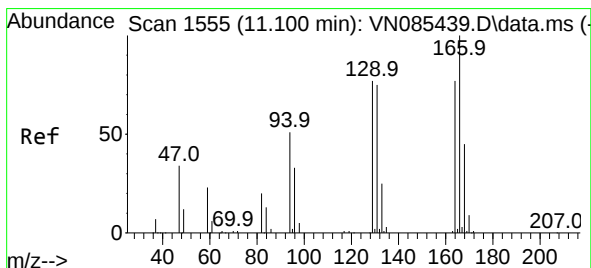
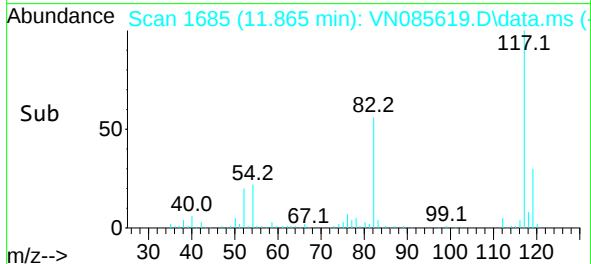
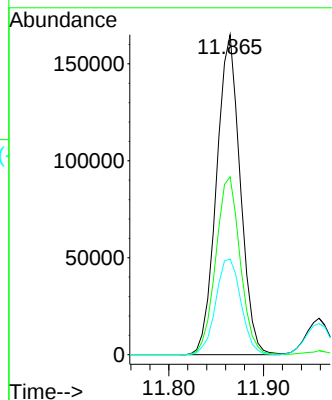
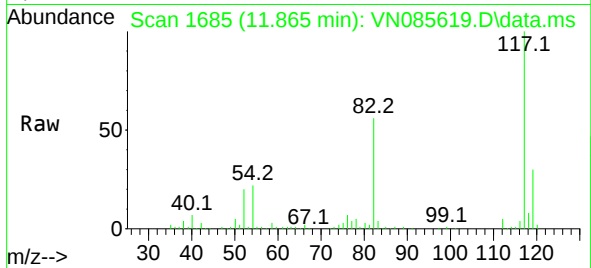




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

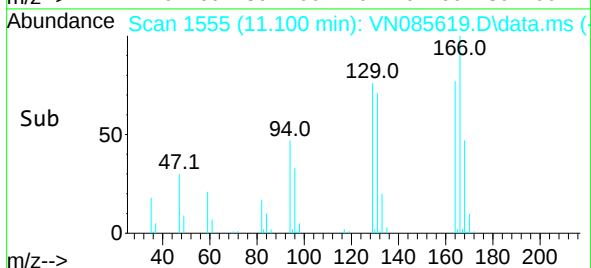
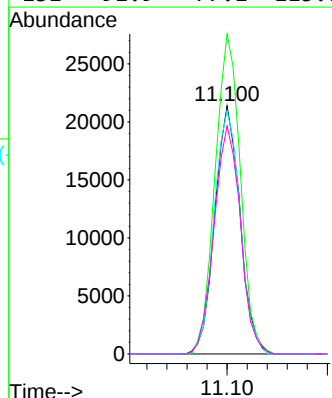
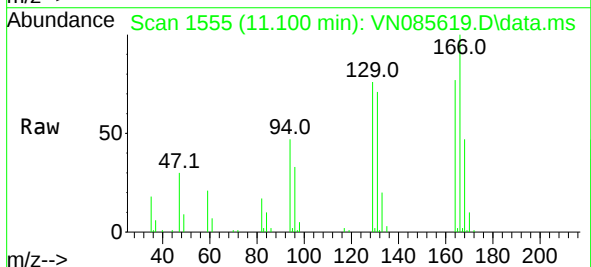
Instrument :  
MSVOA\_N  
ClientSampleId :

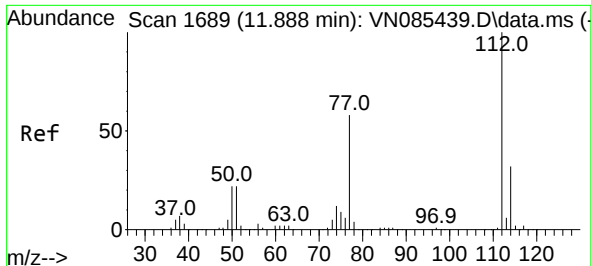
Tgt Ion:117 Resp: 287245  
Ion Ratio Lower Upper  
117 100  
82 55.6 48.6 72.8  
119 29.9 26.6 39.8



#64  
Tetrachloroethene  
Concen: 19.160 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion:164 Resp: 37520  
Ion Ratio Lower Upper  
164 100  
166 129.0 103.4 155.2  
129 98.0 79.2 118.8  
131 91.9 77.1 115.7

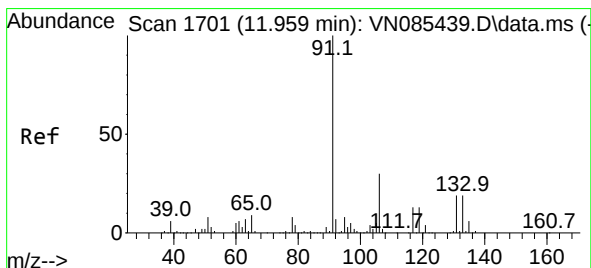
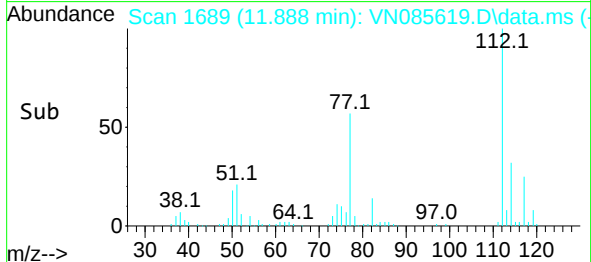
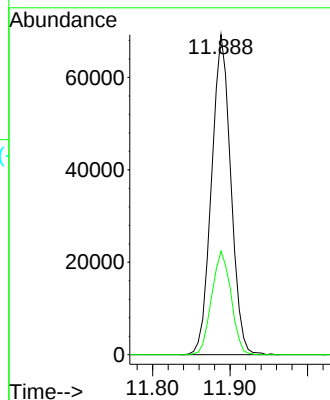
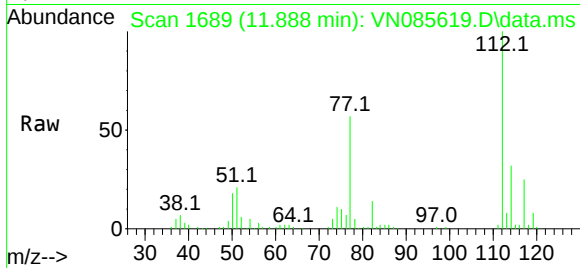




#65  
Chlorobenzene  
Concen: 19.005 ug/l  
RT: 11.888 min Scan# 1119  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

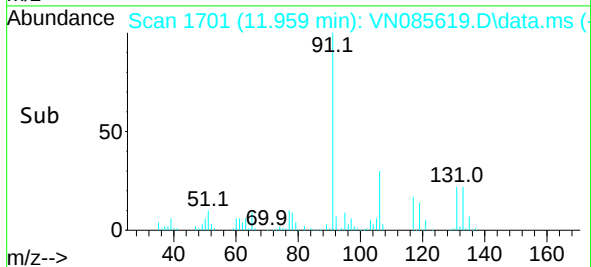
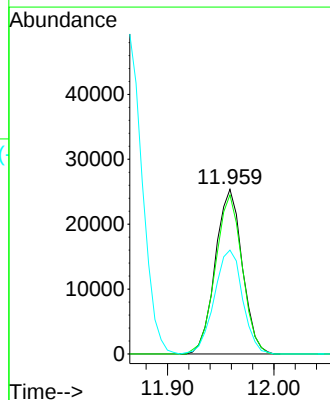
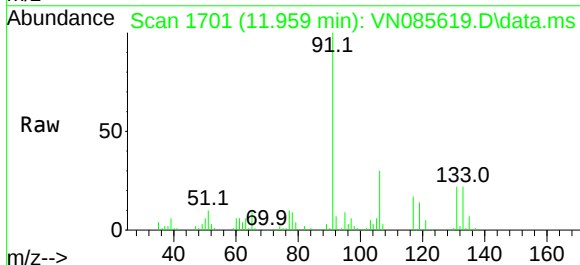
Instrument :  
MSVOA\_N  
ClientSampleId :

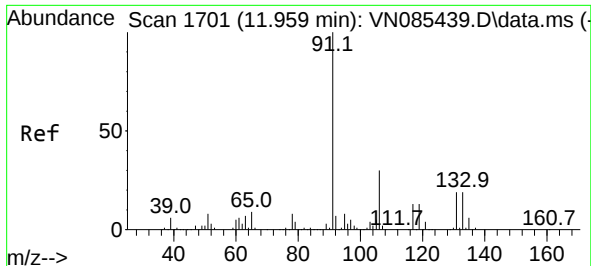
Tgt Ion:112 Resp: 119593  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.291 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion:131 Resp: 44553  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.4 142.3  
119 66.2 33.1 99.5

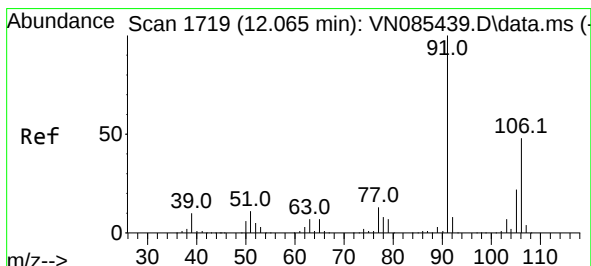
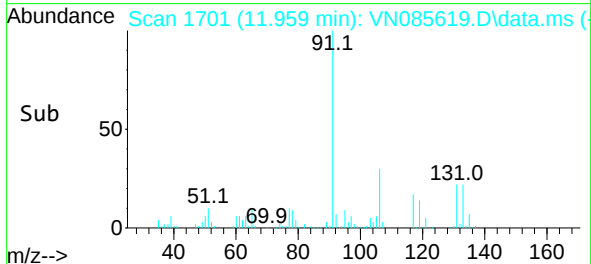
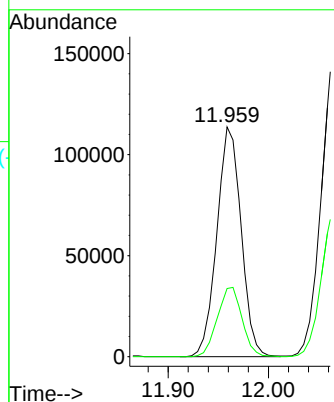
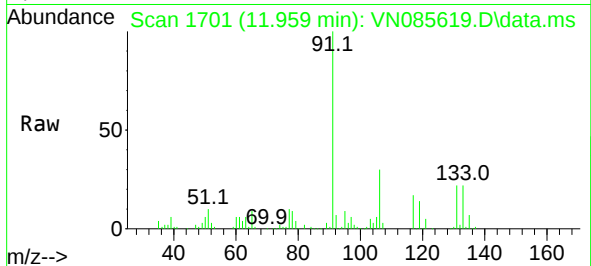




#67  
Ethyl Benzene  
Concen: 18.656 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

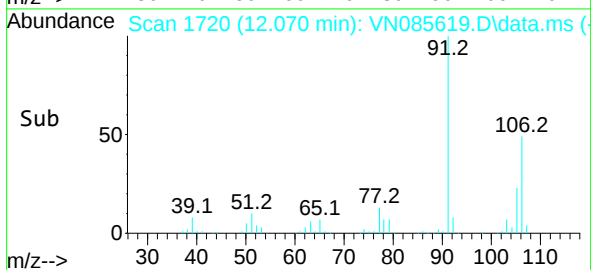
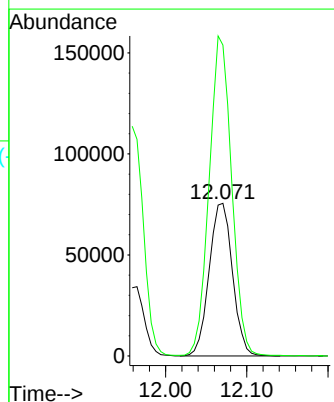
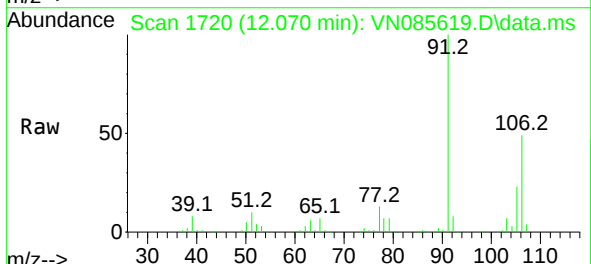
Instrument :  
MSVOA\_N  
ClientSampleId :

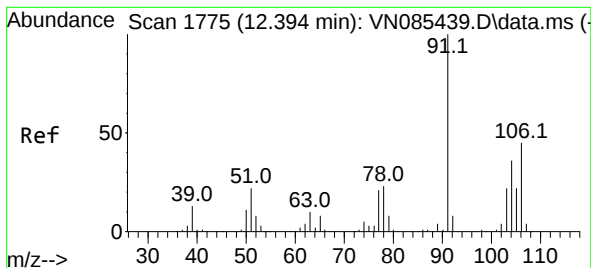
Tgt Ion: 91 Resp: 191202  
Ion Ratio Lower Upper  
91 100  
106 29.7 23.8 35.8



#68  
m/p-Xylenes  
Concen: 39.785 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion:106 Resp: 150700  
Ion Ratio Lower Upper  
106 100  
91 202.7 167.7 251.5

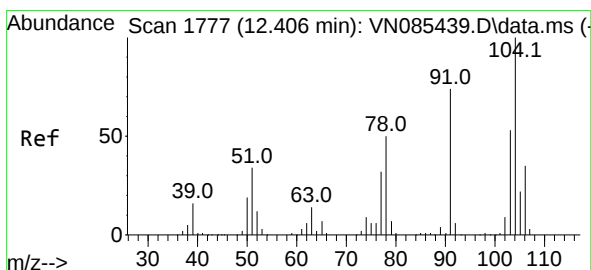
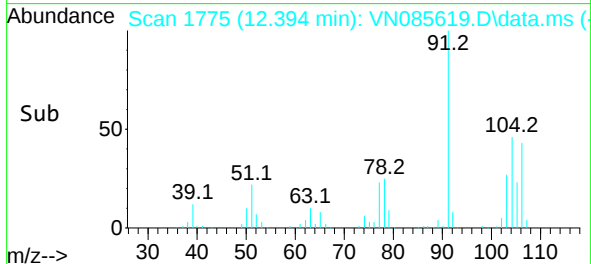
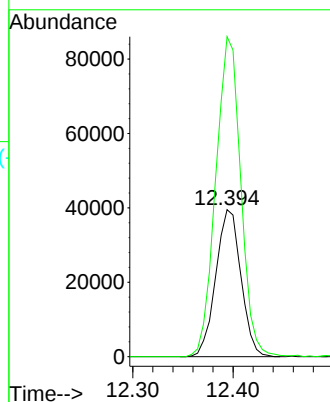
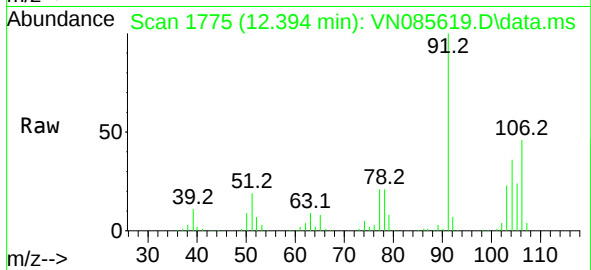




#69  
o-Xylene  
Concen: 18.994 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

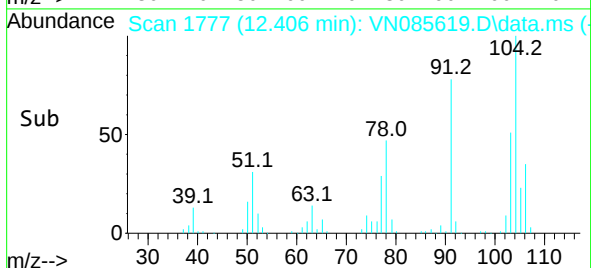
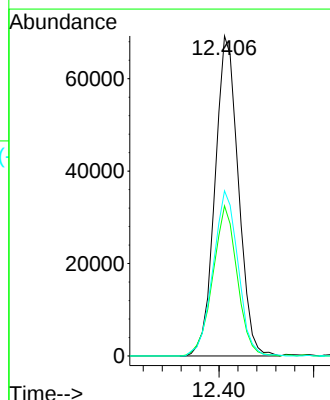
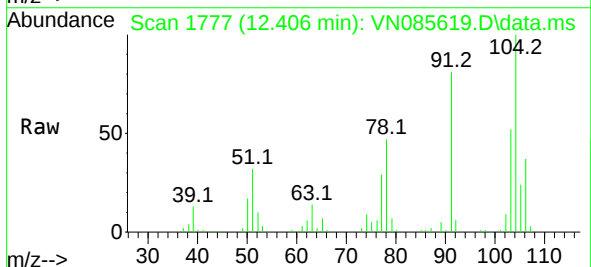
Instrument :  
MSVOA\_N  
ClientSampleId :

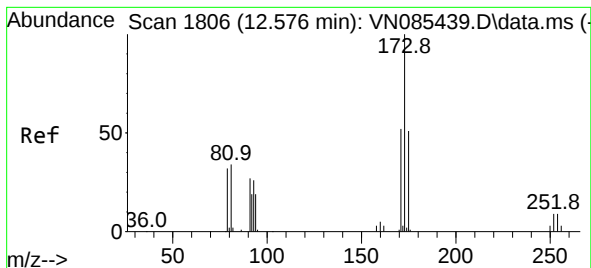
Tgt Ion:106 Resp: 68756  
Ion Ratio Lower Upper  
106 100  
91 217.4 110.4 331.2



#70  
Styrene  
Concen: 19.827 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion:104 Resp: 118783  
Ion Ratio Lower Upper  
104 100  
78 48.8 42.5 63.7  
103 55.0 43.8 65.8





#71

Bromoform

Concen: 20.183 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA\_N

ClientSampleId :

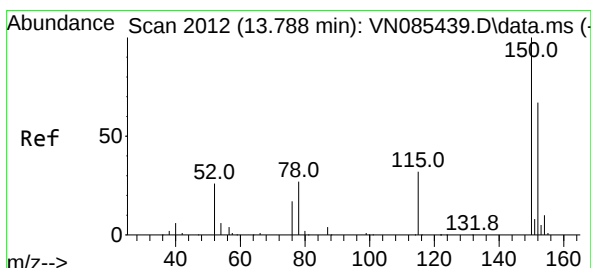
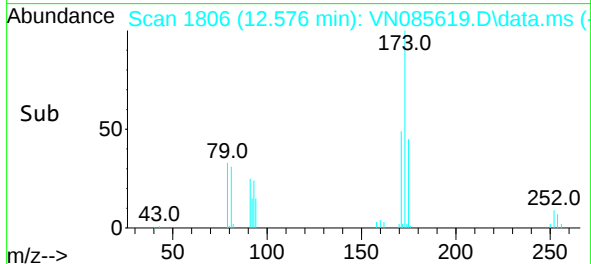
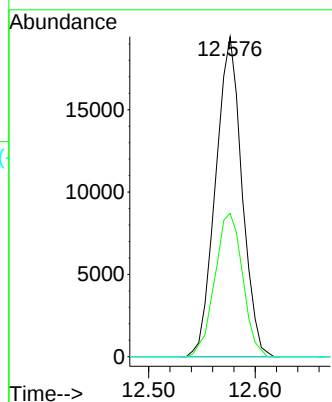
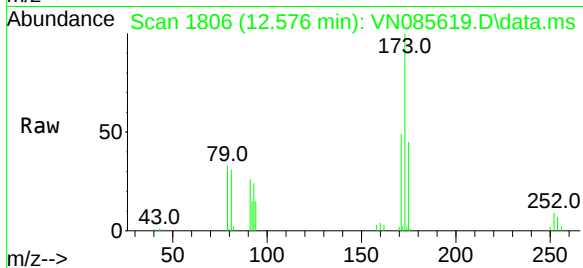
Tgt Ion:173 Resp: 33352

Ion Ratio Lower Upper

173 100

175 47.2 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: VN085619.D

Acq: 03 Feb 2025 13:58

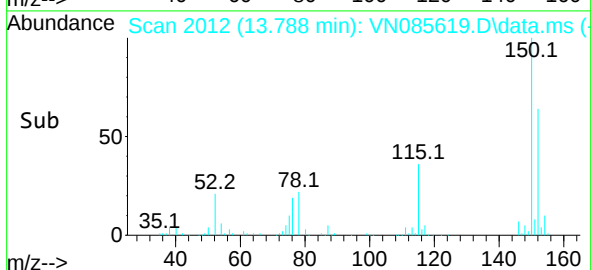
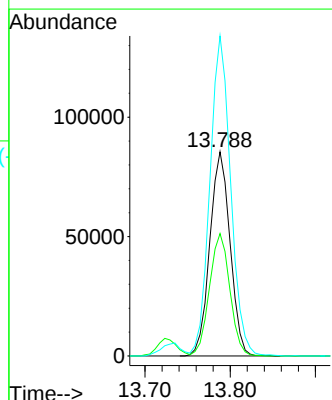
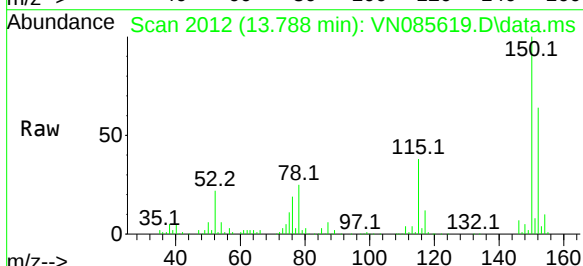
Tgt Ion:152 Resp: 141185

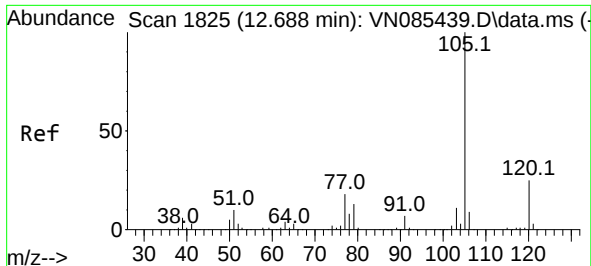
Ion Ratio Lower Upper

152 100

115 60.3 31.1 93.3

150 160.4 0.0 343.6

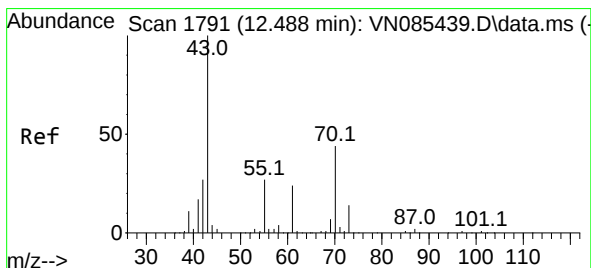
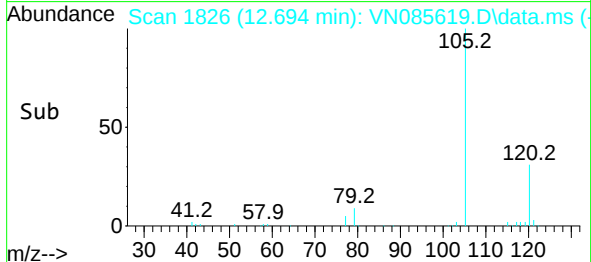
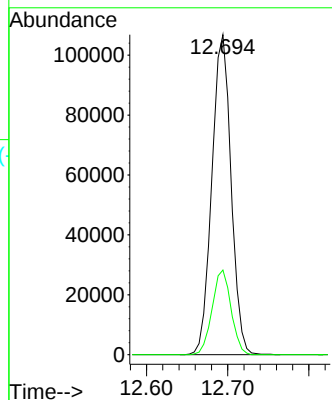
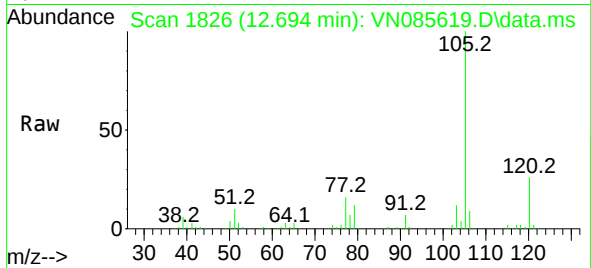




#73  
Isopropylbenzene  
Concen: 18.416 ug/l  
RT: 12.694 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

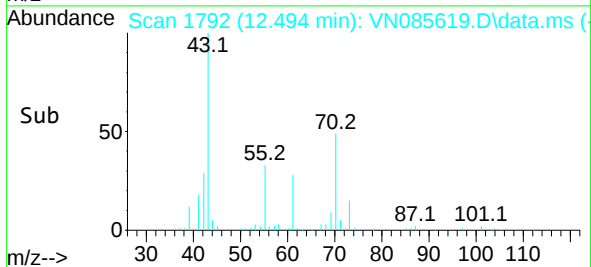
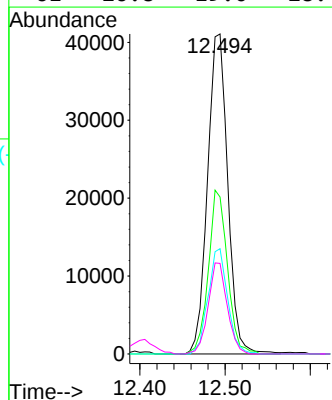
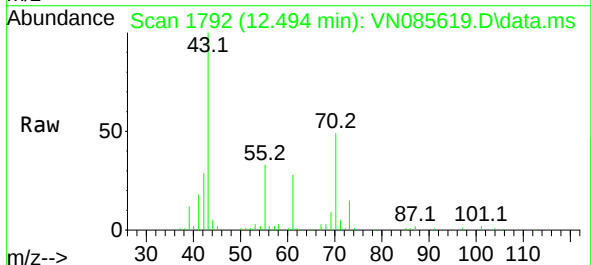
Instrument :  
MSVOA\_N  
ClientSampleId :

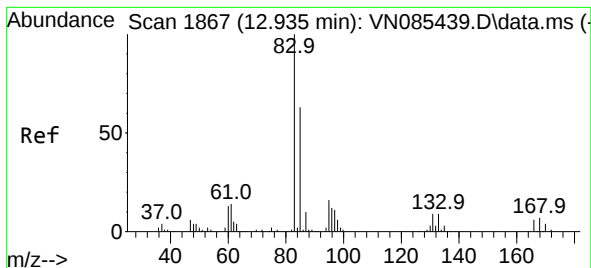
Tgt Ion:105 Resp: 175479  
Ion Ratio Lower Upper  
105 100  
120 26.0 12.8 38.3



#74  
N-ethyl acetate  
Concen: 15.799 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 43 Resp: 67669  
Ion Ratio Lower Upper  
43 100  
70 48.3 34.0 51.0  
55 31.8 21.4 32.2  
61 26.8 19.0 28.4

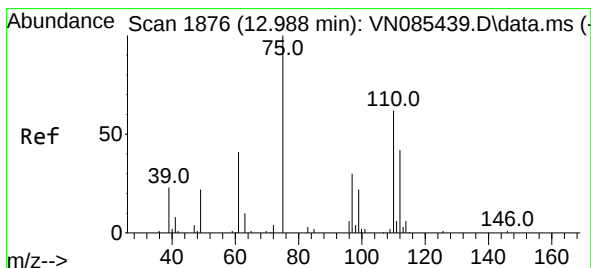
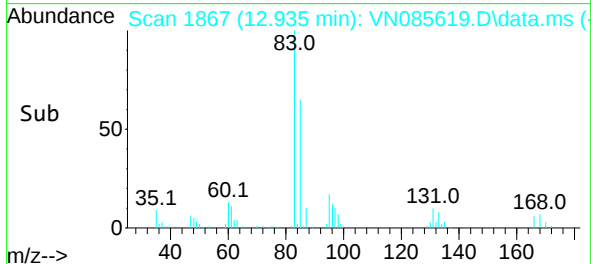
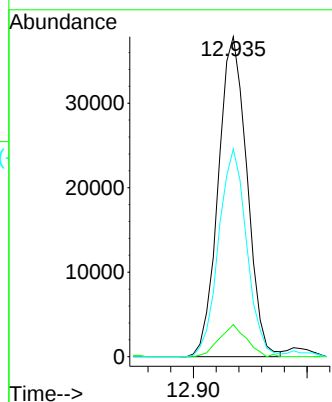
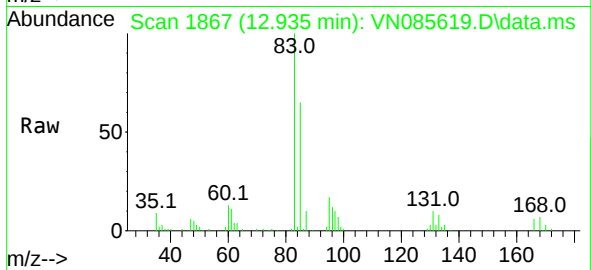




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.691 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

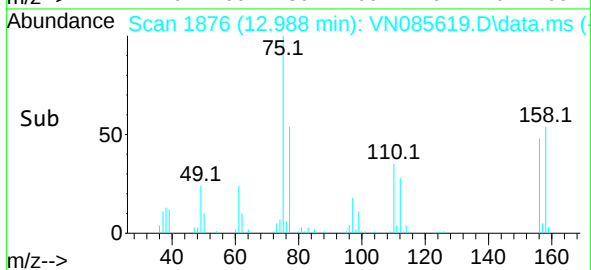
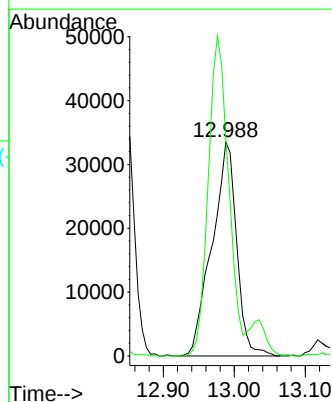
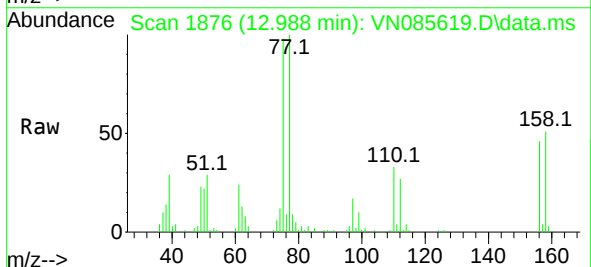
Instrument :  
MSVOA\_N  
ClientSampleId :

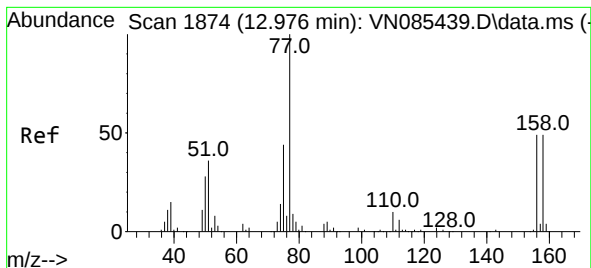
Tgt Ion: 83 Resp: 66278  
Ion Ratio Lower Upper  
83 100  
131 9.6 4.8 14.4  
85 63.5 32.2 96.6



#76  
1,2,3-Trichloropropane  
Concen: 28.080 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 75 Resp: 80580  
Ion Ratio Lower Upper  
75 100  
77 124.7 109.7 329.2





#77

Bromobenzene

Concen: 18.357 ug/l

RT: 12.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA\_N

ClientSampleId :

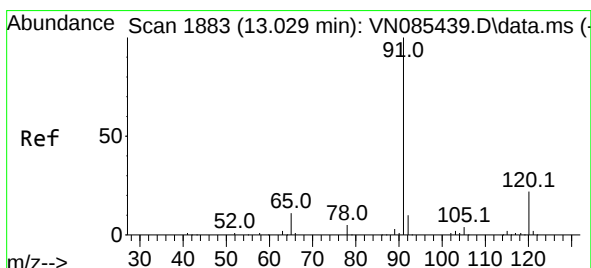
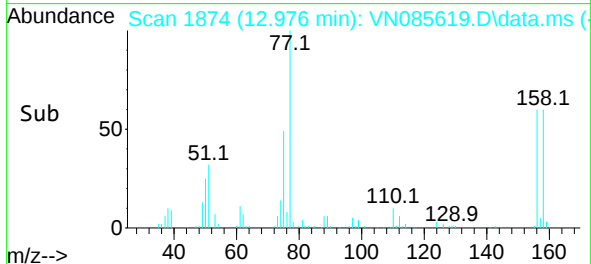
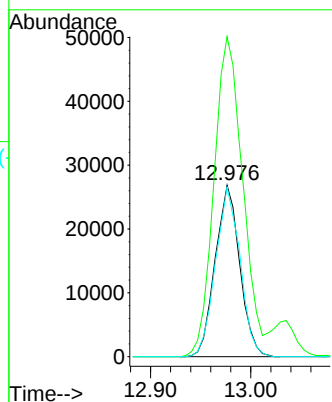
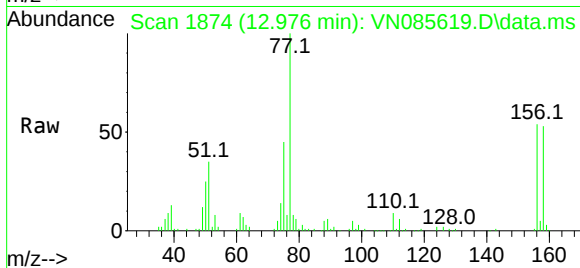
Tgt Ion:156 Resp: 45701

Ion Ratio Lower Upper

156 100

77 219.9 114.1 342.4

158 98.9 48.9 146.8



#78

n-propylbenzene

Concen: 18.808 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN085619.D

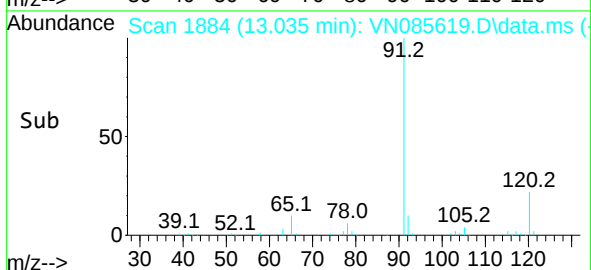
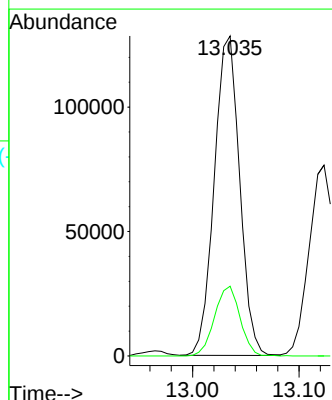
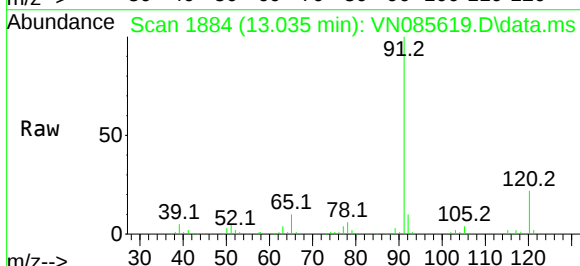
Acq: 03 Feb 2025 13:58

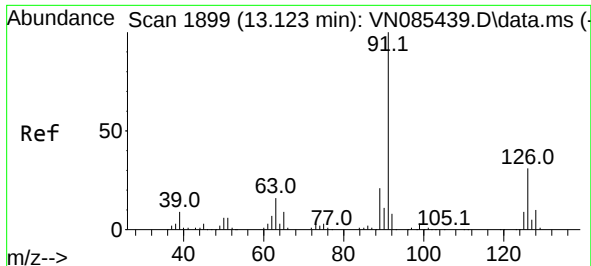
Tgt Ion: 91 Resp: 212161

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.6

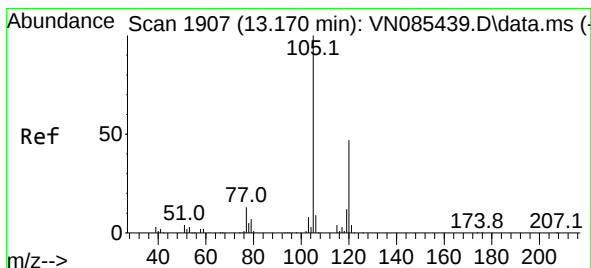
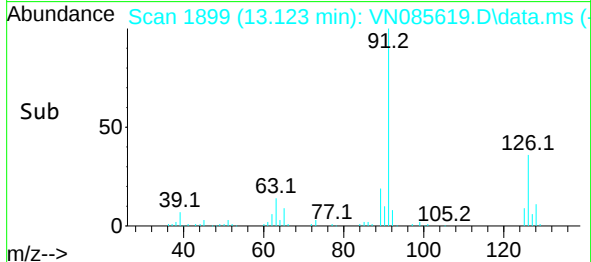
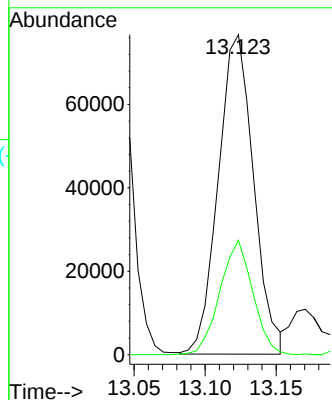
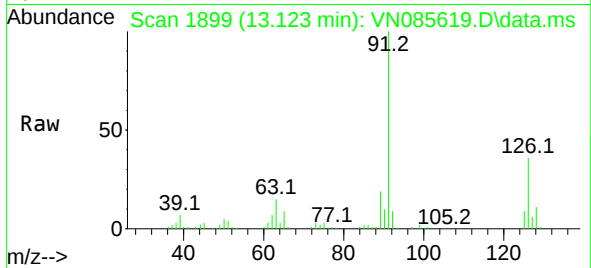




#79  
2-Chlorotoluene  
Concen: 18.149 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

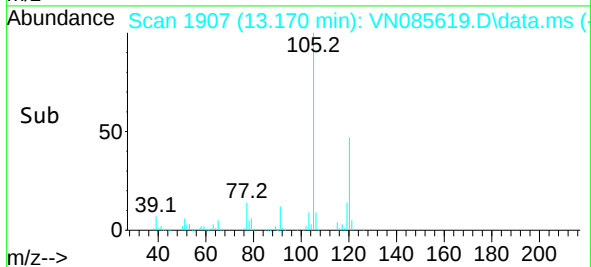
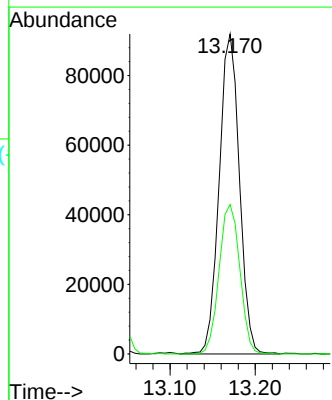
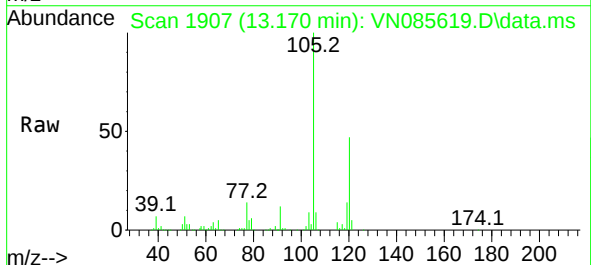
Instrument :  
MSVOA\_N  
ClientSampleId :

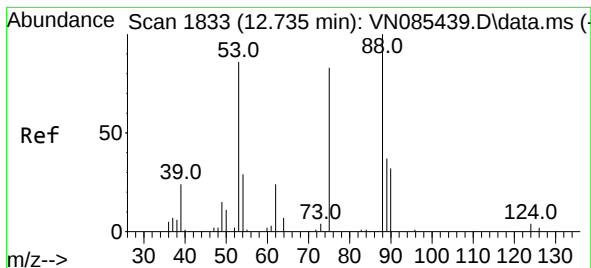
Tgt Ion: 91 Resp: 132501  
Ion Ratio Lower Upper  
91 100  
126 33.4 15.7 47.1



#80  
1,3,5-Trimethylbenzene  
Concen: 19.282 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 105 Resp: 151767  
Ion Ratio Lower Upper  
105 100  
120 47.9 23.9 71.7

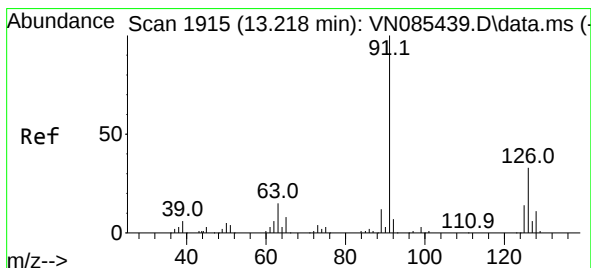
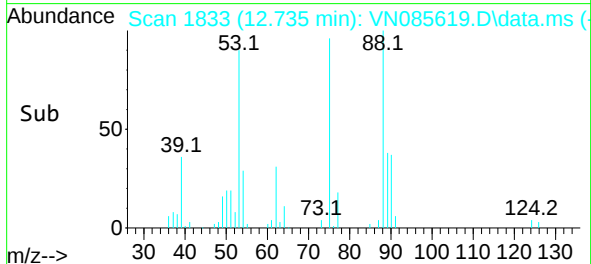
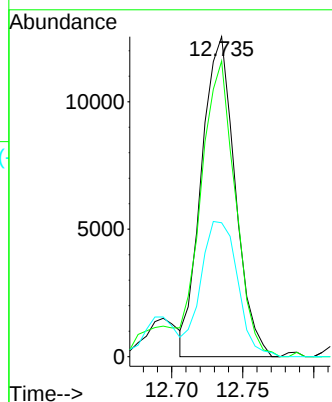
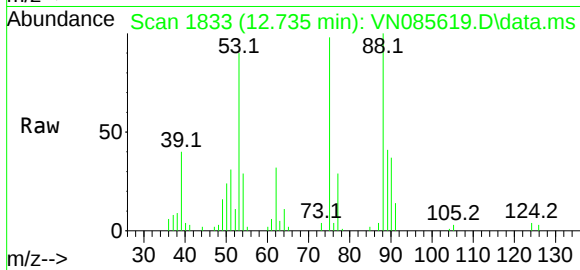




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.452 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

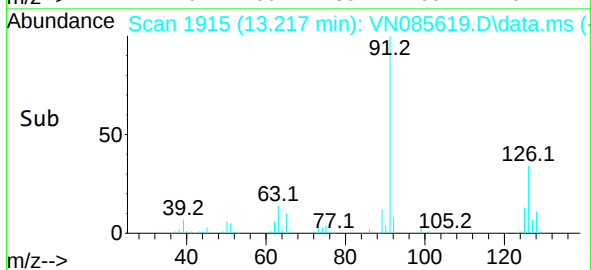
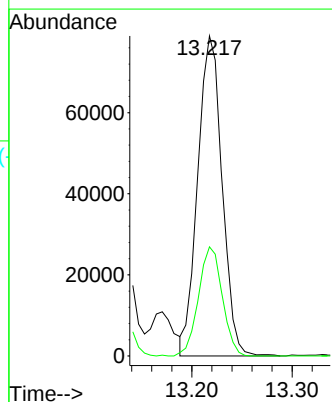
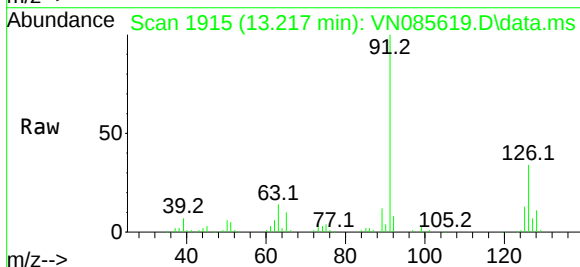
Instrument :  
MSVOA\_N  
ClientSampleId :

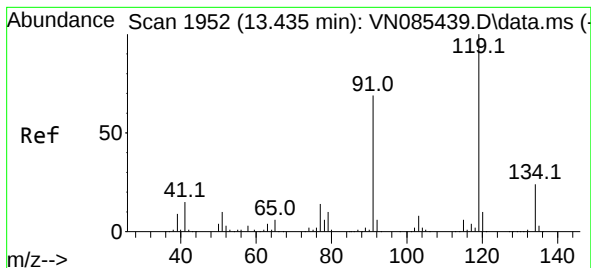
Tgt Ion: 75 Resp: 20631  
Ion Ratio Lower Upper  
75 100  
53 104.9 95.6 143.4  
89 46.4 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 18.365 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

Tgt Ion: 91 Resp: 133497  
Ion Ratio Lower Upper  
91 100  
126 33.2 15.9 47.7





#83

tert-Butylbenzene

Concen: 18.381 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA\_N

ClientSampleId :

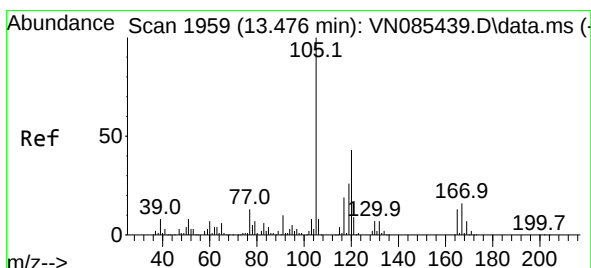
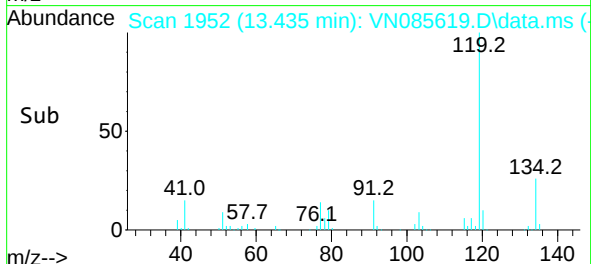
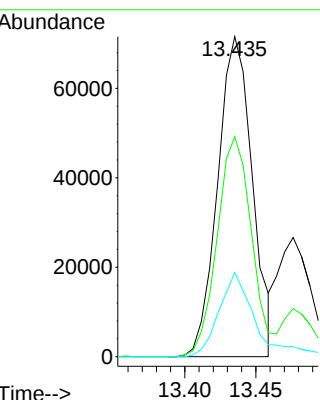
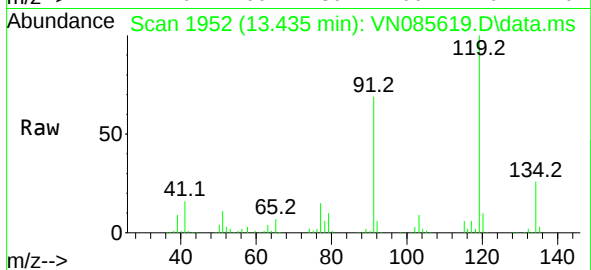
Tgt Ion:119 Resp: 121493

Ion Ratio Lower Upper

119 100

91 68.9 35.1 105.3

134 27.2 12.0 36.1



#84

1,2,4-Trimethylbenzene

Concen: 19.303 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN085619.D

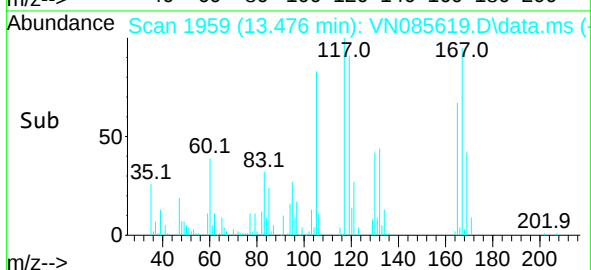
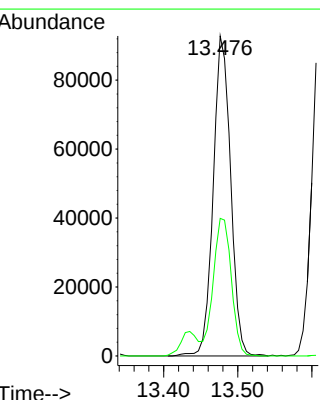
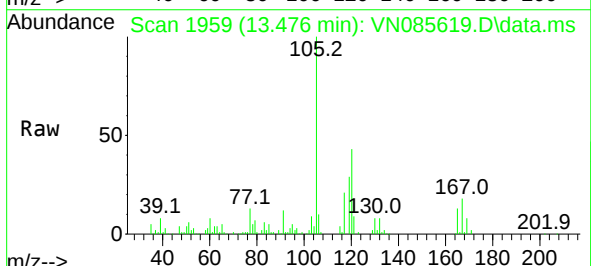
Acq: 03 Feb 2025 13:58

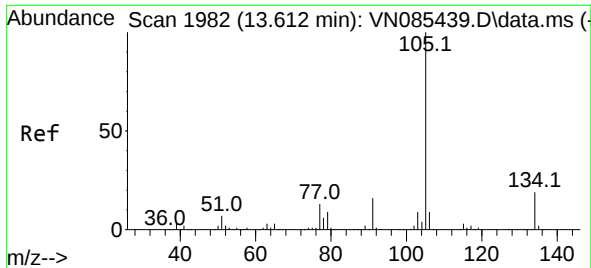
Tgt Ion:105 Resp: 151424

Ion Ratio Lower Upper

105 100

120 45.3 21.6 65.0

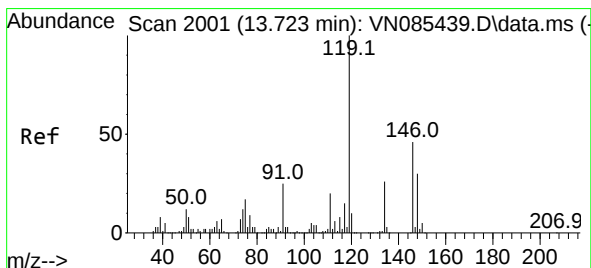
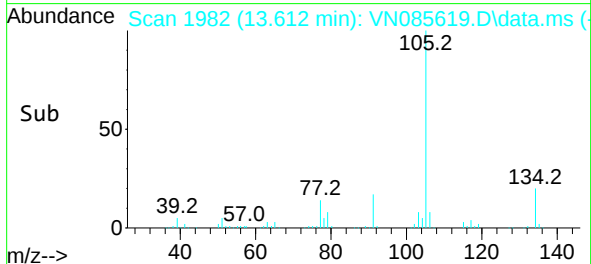
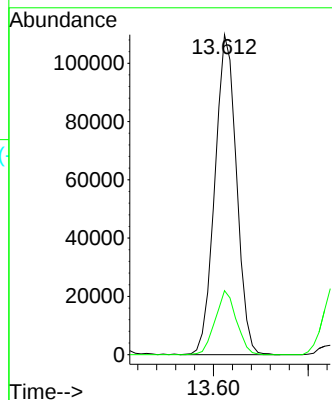
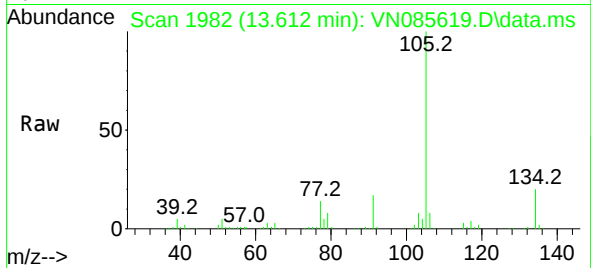




#85  
 sec-Butylbenzene  
 Concen: 19.049 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

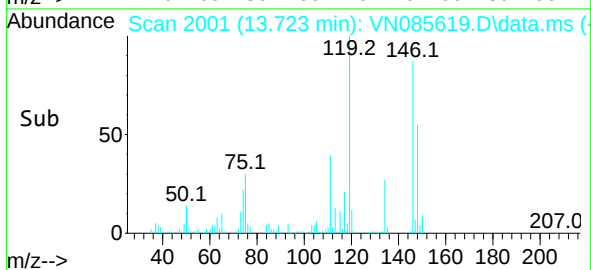
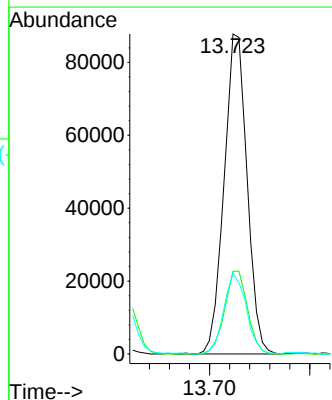
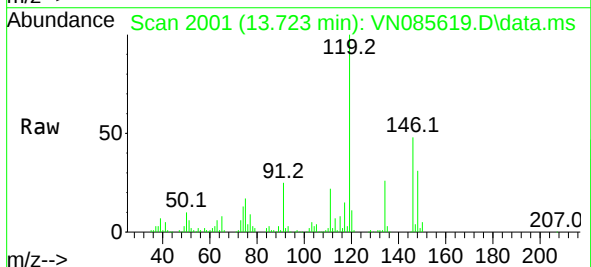
Instrument :  
 MSVOA\_N  
 ClientSampleId :

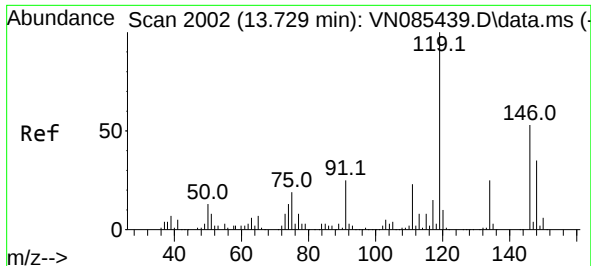
Tgt Ion:105 Resp: 174506  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 18.340 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. 0.000 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

Tgt Ion:119 Resp: 139399  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.7 38.0  
 91 24.7 12.7 38.1

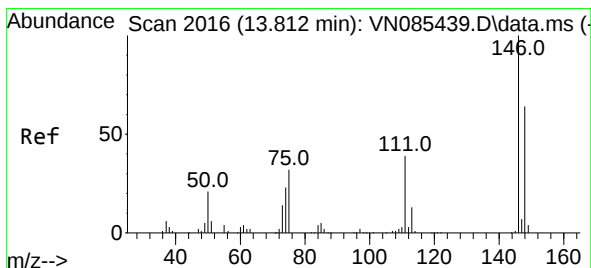
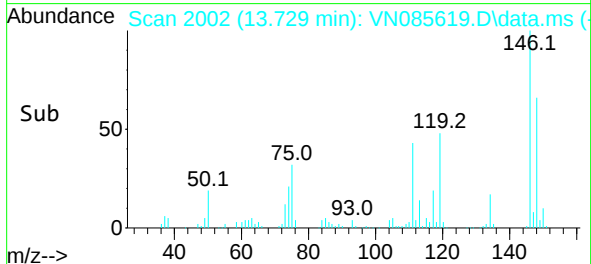
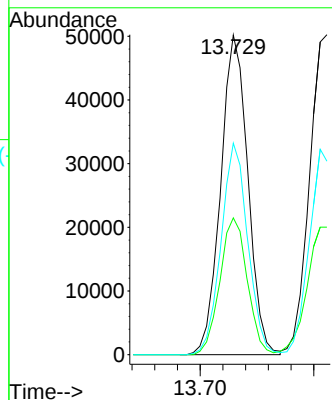
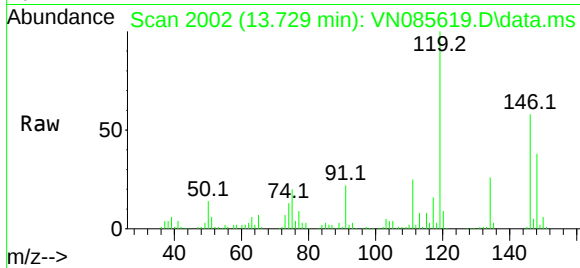




#87  
 1,3-Dichlorobenzene  
 Concen: 18.208 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

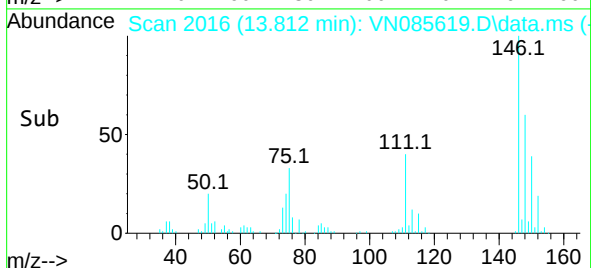
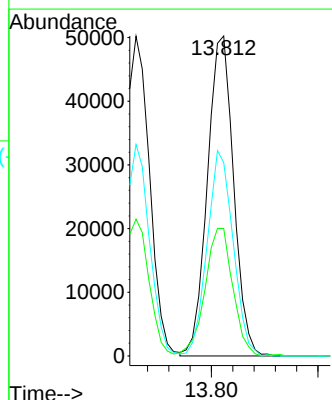
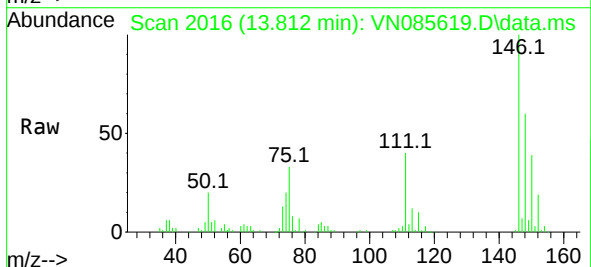
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:146 Resp: 83480  
 Ion Ratio Lower Upper  
 146 100  
 111 43.0 21.4 64.3  
 148 65.0 32.3 96.9



#88  
 1,4-Dichlorobenzene  
 Concen: 18.063 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. -0.000 min  
 Lab File: VN085619.D  
 Acq: 03 Feb 2025 13:58

Tgt Ion:146 Resp: 85839  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 21.3 63.7  
 148 63.5 32.4 97.0

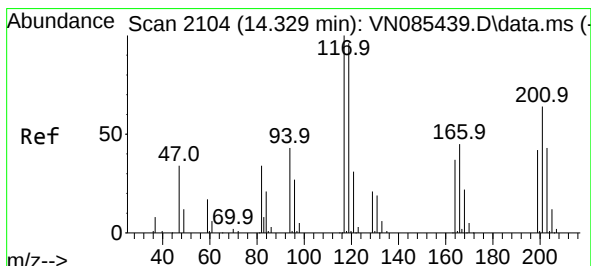
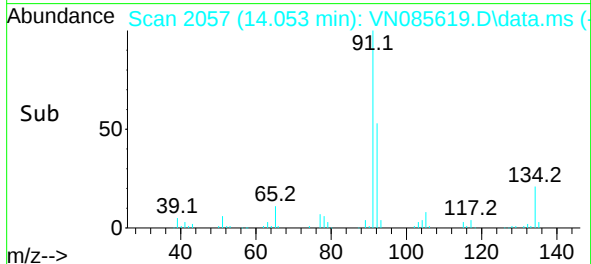
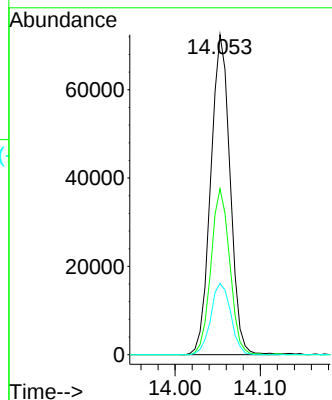
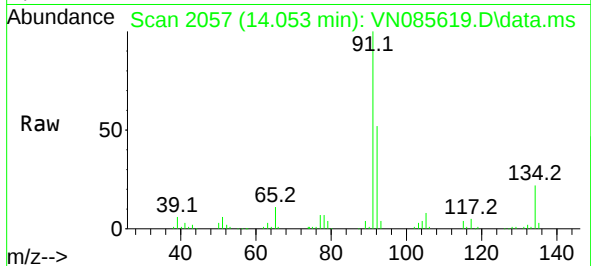




#89  
n-Butylbenzene  
Concen: 17.425 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

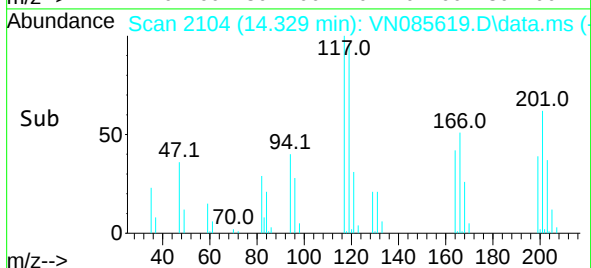
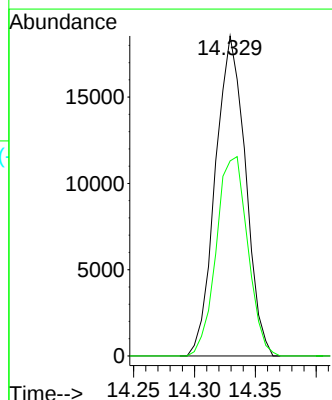
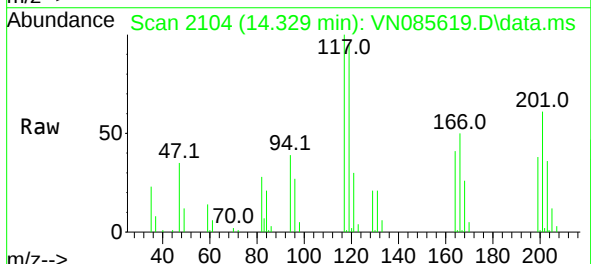
Instrument :  
MSVOA\_N  
ClientSampleId :

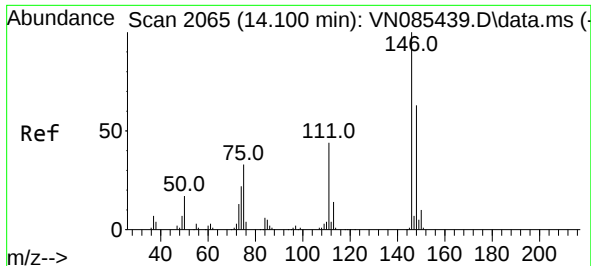
Tgt Ion: 91 Resp: 114517  
Ion Ratio Lower Upper  
91 100  
92 50.3 25.8 77.3  
134 22.9 11.7 35.1



#90  
Hexachloroethane  
Concen: 18.308 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

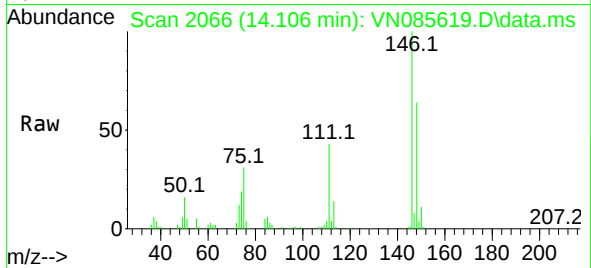
Tgt Ion: 117 Resp: 31928  
Ion Ratio Lower Upper  
117 100  
201 64.9 33.7 101.0



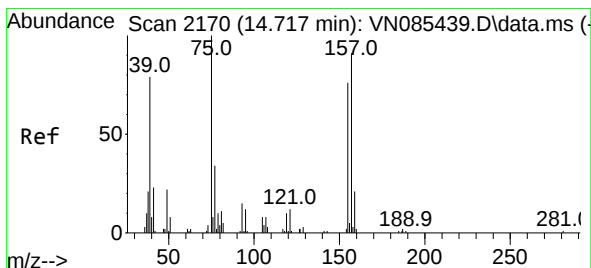
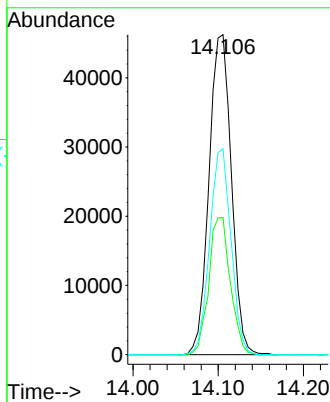
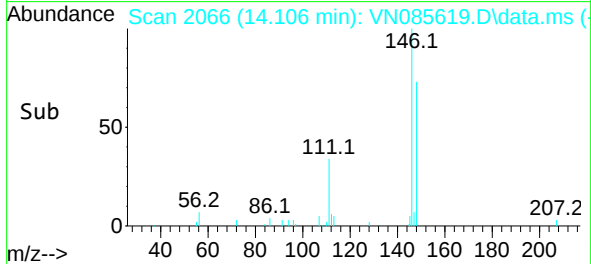


#91  
1,2-Dichlorobenzene  
Concen: 18.437 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.006 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

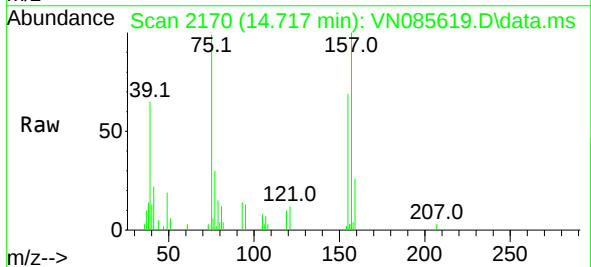
Instrument :  
MSVOA\_N  
ClientSampleId :



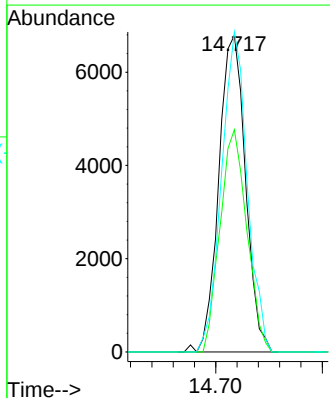
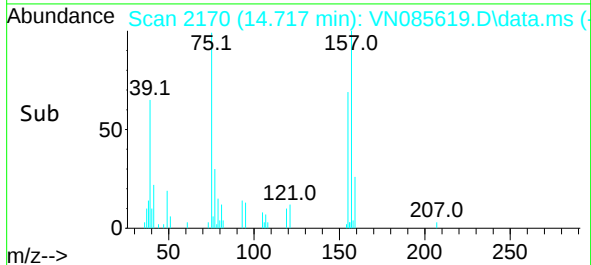
Tgt Ion:146 Resp: 84316  
Ion Ratio Lower Upper  
146 100  
111 41.4 21.7 65.1  
148 61.5 31.4 94.2

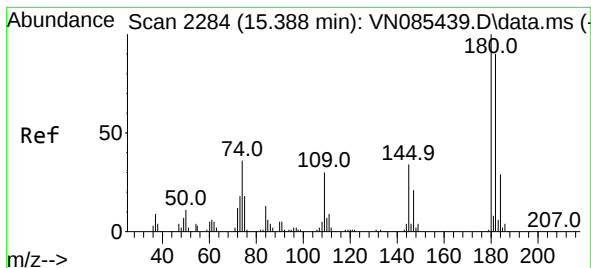


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.170 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58



Tgt Ion: 75 Resp: 11783  
Ion Ratio Lower Upper  
75 100  
155 70.4 36.4 109.2  
157 97.6 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 16.258 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

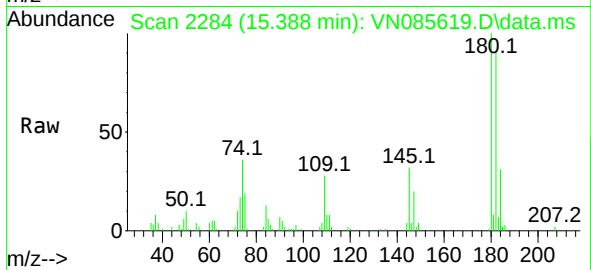
Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

Instrument :

MSVOA\_N

ClientSampleId :



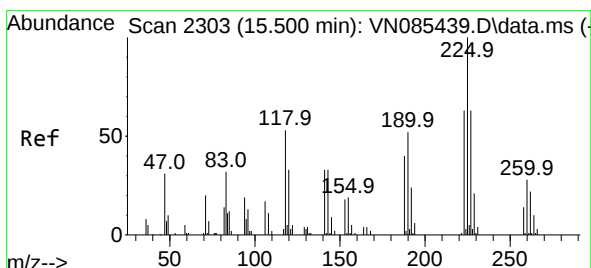
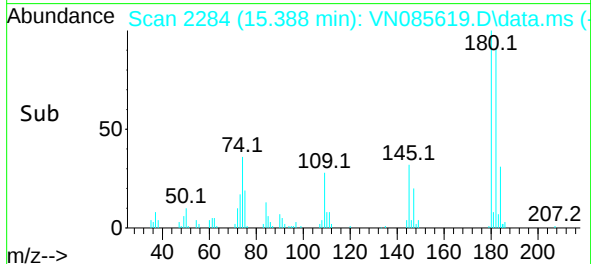
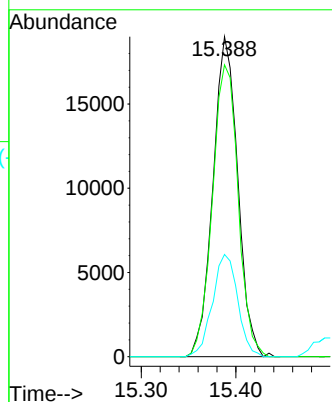
Tgt Ion:180 Resp: 34556

Ion Ratio Lower Upper

180 100

182 94.6 46.8 140.3

145 32.5 16.0 48.0



#94

Hexachlorobutadiene

Concen: 16.200 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN085619.D

Acq: 03 Feb 2025 13:58

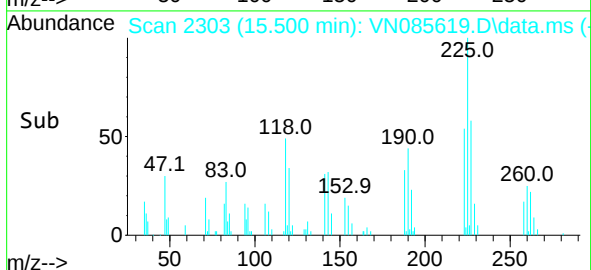
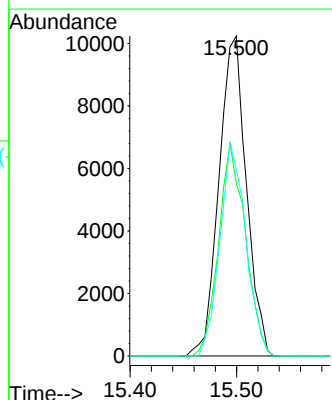
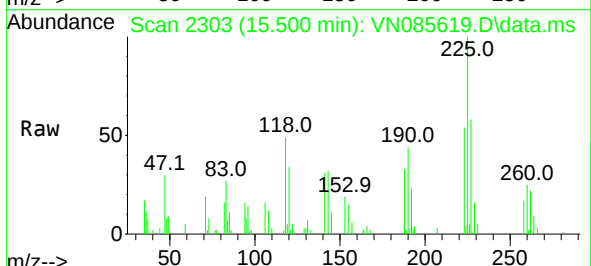
Tgt Ion:225 Resp: 18281

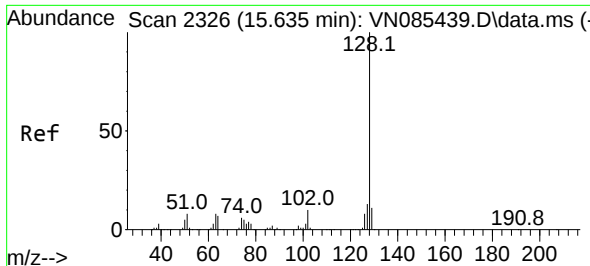
Ion Ratio Lower Upper

225 100

223 64.9 30.7 92.1

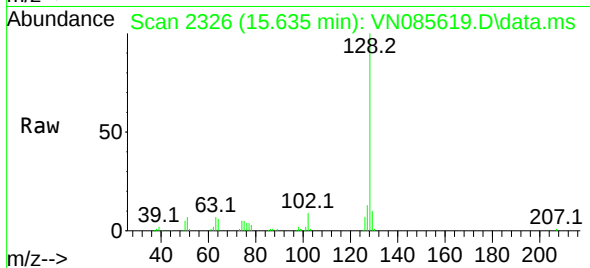
227 63.2 30.9 92.5



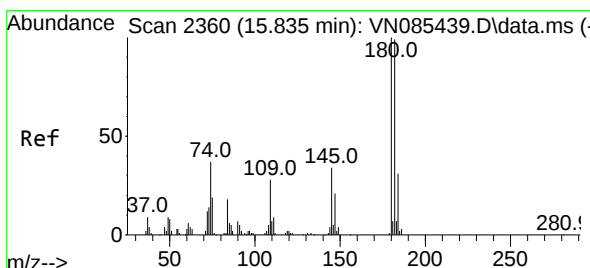
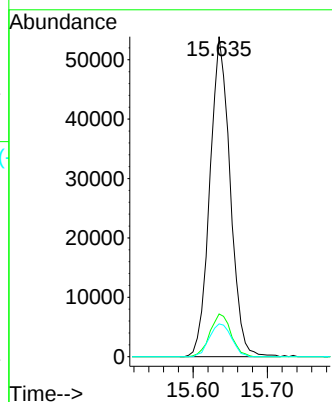
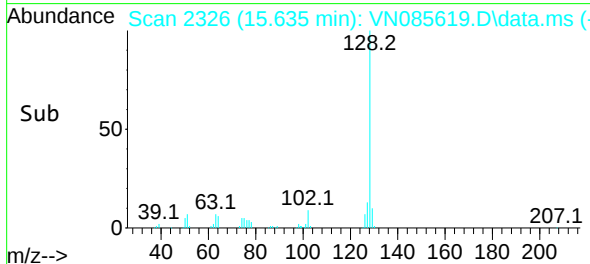


#95  
Naphthalene  
Concen: 16.136 ug/l  
RT: 15.635 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58

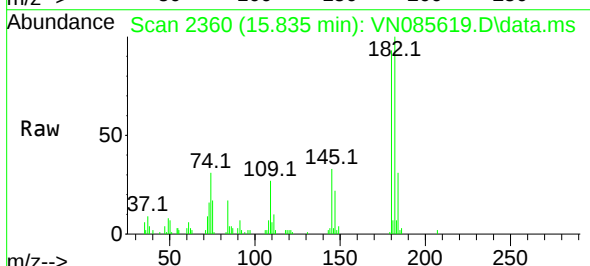
Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 102342  
Ion Ratio Lower Upper  
128 100  
127 13.9 10.6 16.0  
129 11.2 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 16.124 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. -0.000 min  
Lab File: VN085619.D  
Acq: 03 Feb 2025 13:58



Tgt Ion:180 Resp: 34678  
Ion Ratio Lower Upper  
180 100  
182 97.8 47.4 142.2  
145 35.0 16.9 50.7

