

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120325\  
 Data File : VN088419.D  
 Acq On : 03 Dec 2025 11:38  
 Operator : JC\MD  
 Sample : VN1203WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1203WBS01

Quant Time: Dec 04 00:15:18 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 25 01:34:52 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.206  | 168  | 204614   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.082  | 114  | 382235   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.841 | 117  | 345174   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 173546   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65    | 209173   | 54.267   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 108.540% |      |
| 35) Dibromofluoromethane    | 8.147  | 113   | 135788   | 51.263   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.520% |      |
| 50) Toluene-d8              | 10.547 | 98    | 488254   | 49.539   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 99.080%  |      |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 166873   | 49.346   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 98.700%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 60629  | 19.728  | ug/l   | 99  |
| 3) Chloromethane             | 2.383 | 50  | 65720  | 19.910  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.536 | 62  | 65541  | 19.518  | ug/l   | 89  |
| 5) Bromomethane              | 2.983 | 94  | 34053  | 21.070  | ug/l   | 94  |
| 6) Chloroethane              | 3.142 | 64  | 43089  | 20.735  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.518 | 101 | 94329  | 19.987  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.965 | 74  | 36580  | 20.650  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 49588  | 19.736  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.583 | 142 | 41239  | 16.580  | ug/l   | 92  |
| 11) Tert butyl alcohol       | 5.512 | 59  | 54309  | 88.250  | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.347 | 96  | 47292  | 18.945  | ug/l   | 95  |
| 13) Acrolein                 | 4.171 | 56  | 59542  | 101.061 | ug/l   | 97  |
| 14) Allyl chloride           | 5.018 | 41  | 89883  | 19.426  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.706 | 53  | 178927 | 100.773 | ug/l   | 98  |
| 16) Acetone                  | 4.424 | 43  | 128167 | 91.942  | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.712 | 76  | 158397 | 19.418  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.024 | 43  | 84767  | 20.428  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.782 | 73  | 194085 | 20.752  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.271 | 84  | 63283  | 21.218  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.777 | 96  | 55829  | 20.189  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.653 | 45  | 214599 | 21.725  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.588 | 43  | 930390 | 116.902 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.547 | 63  | 120920 | 21.616  | ug/l   | 98  |
| 25) 2-Butanone               | 7.465 | 43  | 221378 | 98.785  | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.471 | 77  | 99733  | 20.655  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.465 | 96  | 66616  | 20.728  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.800 | 49  | 55880  | 20.052  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.824 | 42  | 159218 | 99.052  | ug/l   | 99  |
| 30) Chloroform               | 7.947 | 83  | 120855 | 21.987  | ug/l   | 97  |
| 31) Cyclohexane              | 8.235 | 56  | 96506  | 19.037  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.147 | 97  | 99906  | 20.671  | ug/l   | 91  |
| 36) 1,1-Dichloropropene      | 8.347 | 75  | 76957  | 18.825  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.547 | 43  | 107252 | 19.953  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.335 | 117 | 84507  | 20.765  | ug/l   | 93  |
| 39) Methylcyclohexane        | 9.582 | 83  | 75011  | 17.154  | ug/l   | 90  |
| 40) Benzene                  | 8.582 | 78  | 243262 | 20.274  | ug/l   | 97  |

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 Sample : VN1203WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1203WBS01

Quant Time: Dec 04 00:15:18 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 25 01:34:52 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.759  | 41   | 53665    | 20.157  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.653  | 62   | 102116   | 22.307  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.671  | 43   | 159565   | 19.429  | ug/l   | 100      |
| 44) Trichloroethene           | 9.329  | 130  | 54294    | 19.151  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.600  | 63   | 64434    | 20.960  | ug/l   | 93       |
| 46) Dibromomethane            | 9.688  | 93   | 46137    | 21.030  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.865  | 83   | 97667    | 21.818  | ug/l   | 89       |
| 48) Methyl methacrylate       | 9.659  | 41   | 76248    | 20.348  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.682  | 88   | 15069    | 316.210 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.423 | 43   | 513300   | 106.034 | ug/l   | 99       |
| 52) Toluene                   | 10.606 | 92   | 144540   | 20.863  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.812 | 75   | 93059    | 20.253  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.288 | 75   | 101913   | 21.091  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 56551    | 21.097  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.853 | 69   | 86232    | 20.366  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 102375   | 21.171  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.135 | 63   | 244731   | 100.257 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.176 | 43   | 299829   | 98.319  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.335 | 129  | 65438    | 21.415  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 58683    | 21.619  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.082 | 164  | 45186    | 16.513  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.864 | 112  | 155133   | 20.009  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.935 | 131  | 54875    | 20.985  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.941 | 91   | 257971   | 19.037  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.047 | 106  | 189907   | 37.798  | ug/l   | 97       |
| 69) o-Xylene                  | 12.376 | 106  | 90507    | 18.895  | ug/l   | 97       |
| 70) Styrene                   | 12.388 | 104  | 155850   | 20.038  | ug/l   | 99       |
| 71) Bromoform                 | 12.559 | 173  | 39365    | 20.553  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.676 | 105  | 232755   | 18.139  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.535 | 43   | 4979     | 1.139   | ug/l # | 62       |
| 75) 1,1,2,2-Tetrachloroethane | 12.911 | 83   | 81442    | 19.633  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.970 | 75   | 112614   | 27.705  | ug/l   | 65       |
| 77) Bromobenzene              | 12.959 | 156  | 57417    | 19.557  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.011 | 91   | 289837   | 18.463  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.100 | 91   | 179184   | 18.692  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.147 | 105  | 205222   | 19.301  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.717 | 75   | 25746    | 17.969  | ug/l # | 73       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 187794   | 19.723  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.411 | 119  | 160403   | 17.746  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.458 | 105  | 200317   | 18.954  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.594 | 105  | 232322   | 17.891  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 189351   | 17.783  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.711 | 146  | 109325   | 19.129  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.788 | 146  | 117948   | 19.702  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.029 | 91   | 180513   | 17.460  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.311 | 117  | 36435    | 18.731  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.082 | 146  | 104500   | 19.430  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.694 | 75   | 18143    | 18.026  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.364 | 180  | 56227    | 17.595  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.470 | 225  | 19920    | 17.347  | ug/l   | 97       |
| 95) Naphthalene               | 15.617 | 128  | 185176   | 16.723  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 54328    | 17.469  | ug/l   | 99       |

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Acq On : 03 Dec 2025 11:38  
Operator : JC\MD  
Sample : VN1203WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

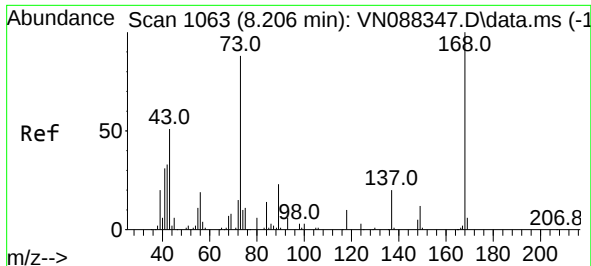
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 25 01:34:52 2025  
Response via : Initial Calibration

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

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

Quant Time: Dec 04 00:15:18 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 25 01:34:52 2025  
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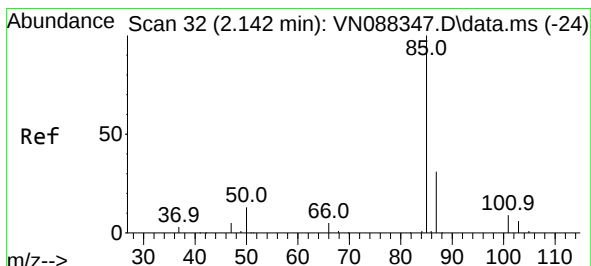
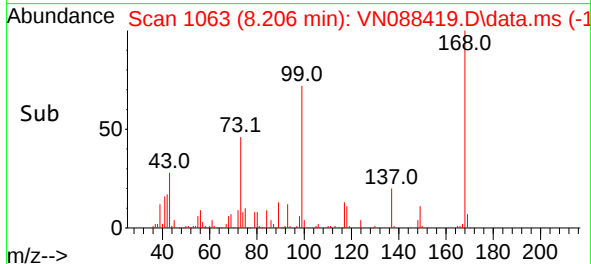
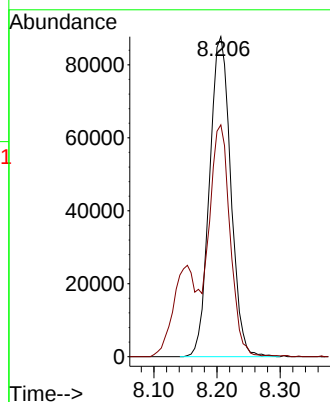
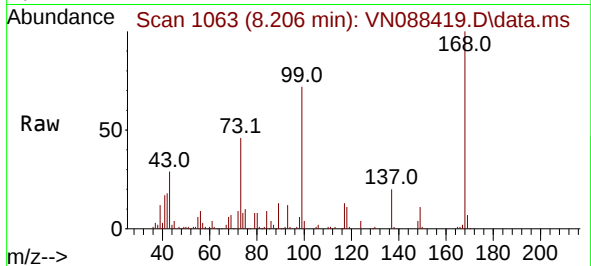




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

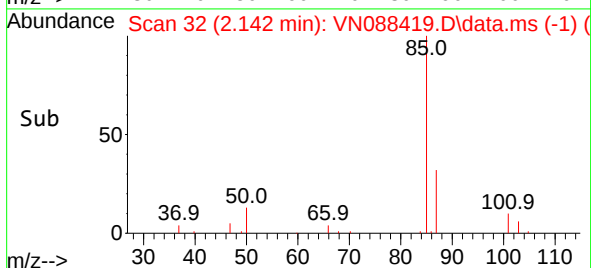
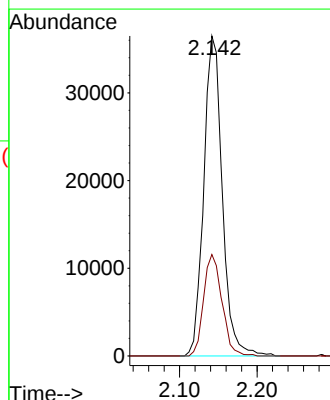
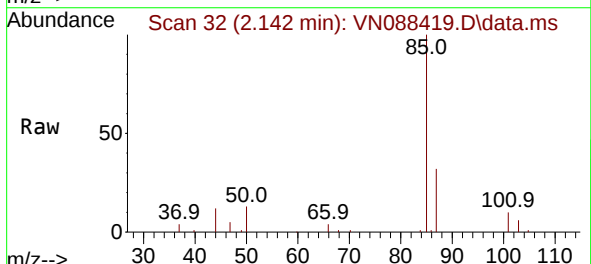
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

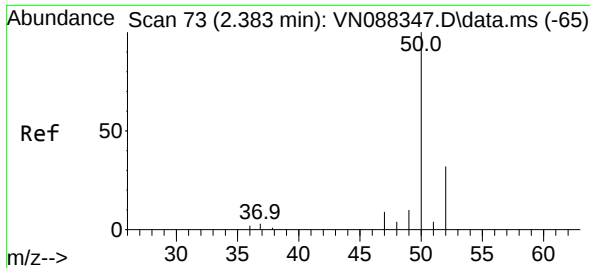
Tgt Ion:168 Resp: 204614  
Ion Ratio Lower Upper  
168 100  
99 72.2 57.1 85.7



#2  
Dichlorodifluoromethane  
Concen: 19.728 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 85 Resp: 60629  
Ion Ratio Lower Upper  
85 100  
87 31.7 15.6 46.7

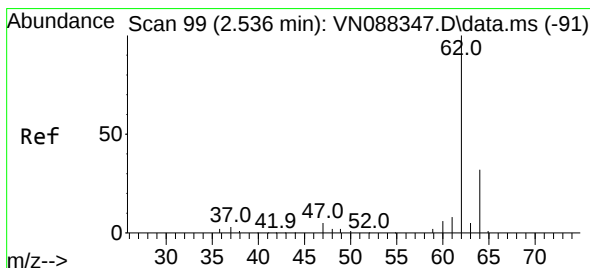
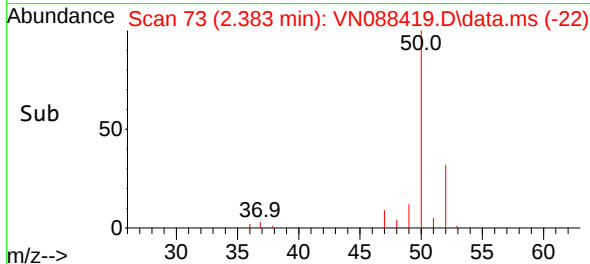
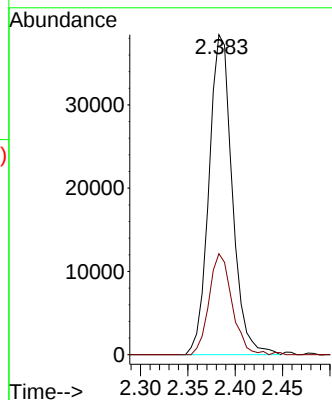
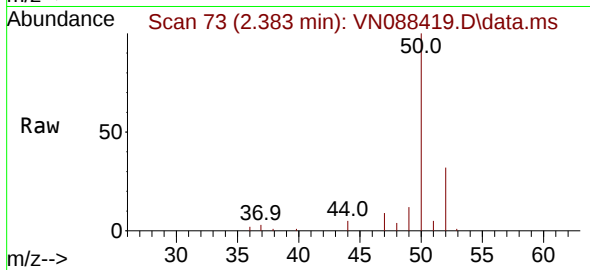




#3  
Chloromethane  
Concen: 19.910 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

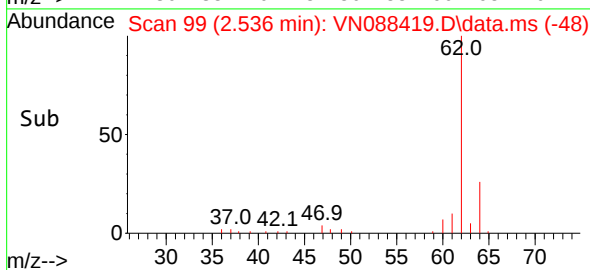
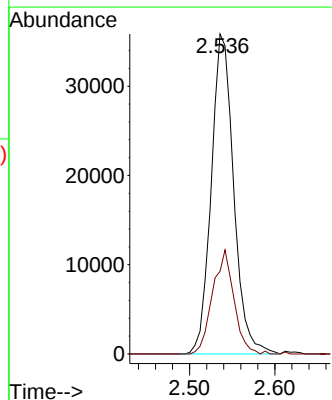
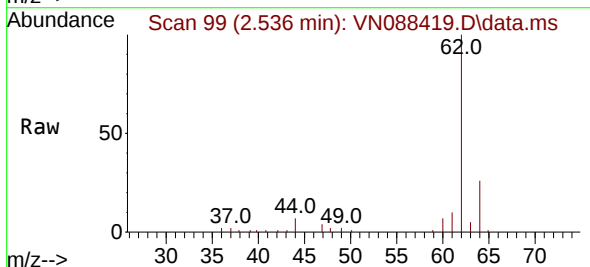
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

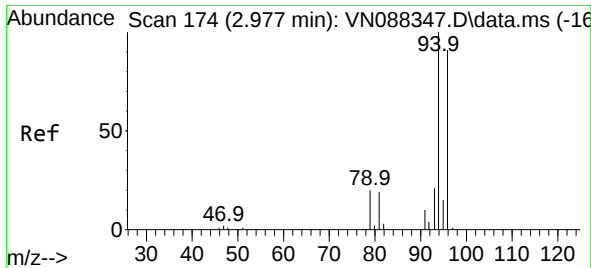
Tgt Ion: 50 Resp: 65720  
Ion Ratio Lower Upper  
50 100  
52 31.5 25.2 37.8



#4  
Vinyl Chloride  
Concen: 19.518 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 62 Resp: 65541  
Ion Ratio Lower Upper  
62 100  
64 25.8 25.4 38.2

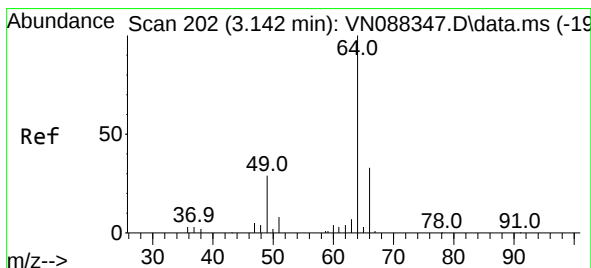
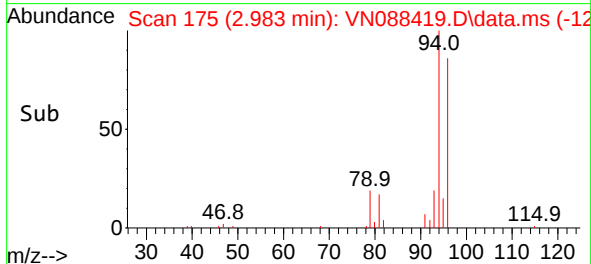
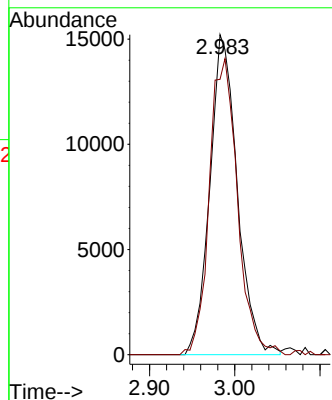
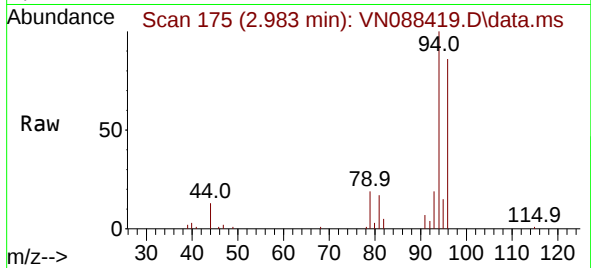




#5  
Bromomethane  
Concen: 21.070 ug/l  
RT: 2.983 min Scan# 175  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

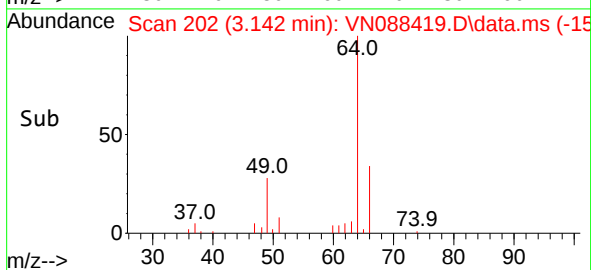
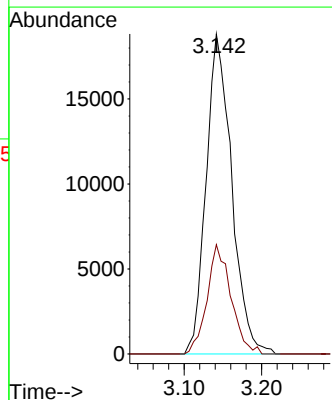
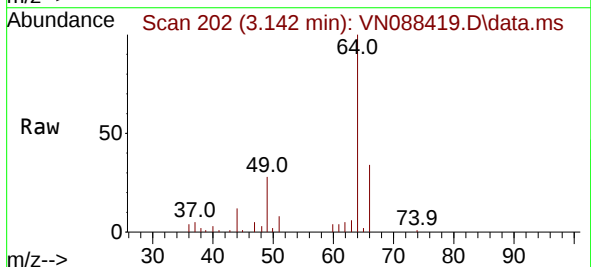
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

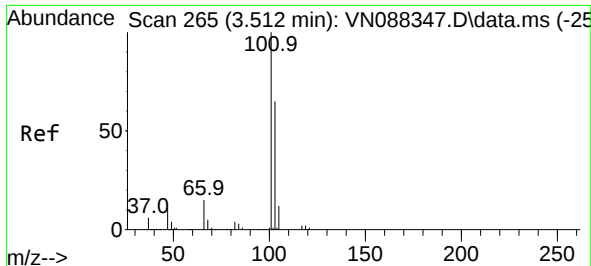
Tgt Ion: 94 Resp: 34053  
Ion Ratio Lower Upper  
94 100  
96 86.1 73.2 109.8



#6  
Chloroethane  
Concen: 20.735 ug/l  
RT: 3.142 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 64 Resp: 43089  
Ion Ratio Lower Upper  
64 100  
66 34.2 26.4 39.6

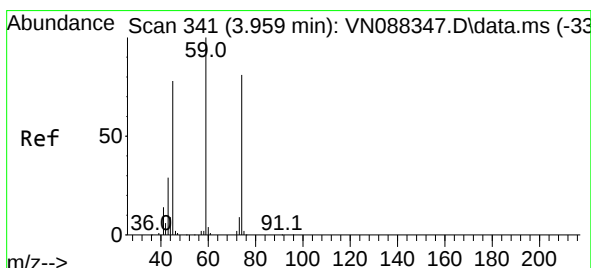
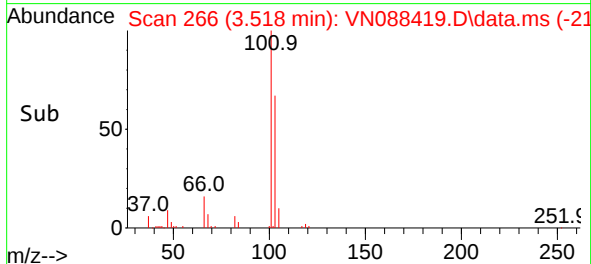
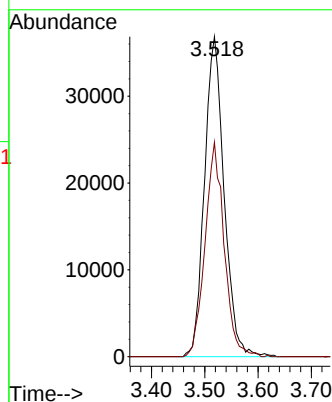
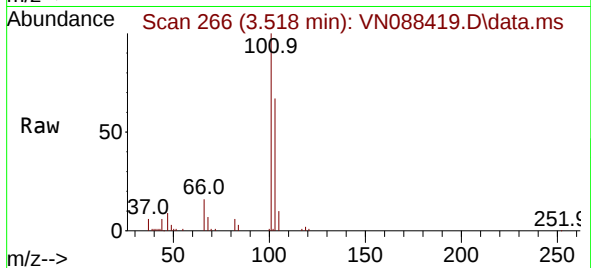




#7  
Trichlorofluoromethane  
Concen: 19.987 ug/l  
RT: 3.518 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

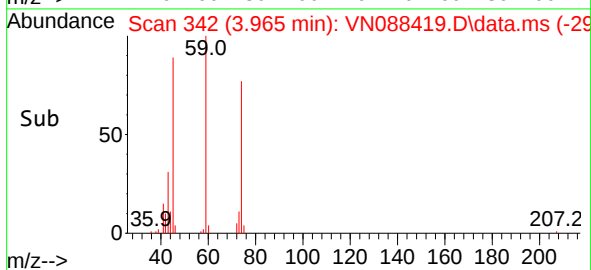
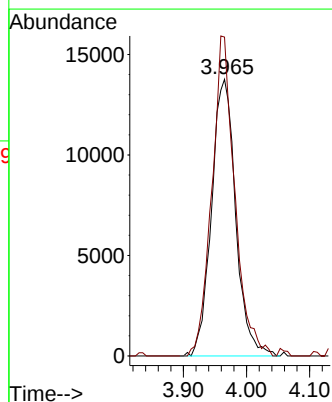
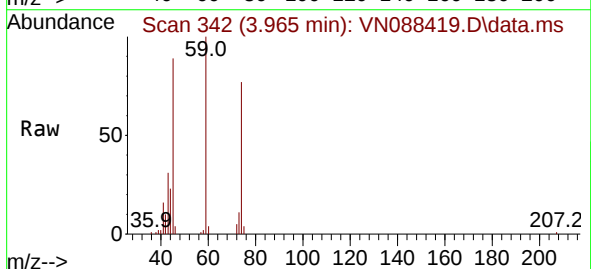
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

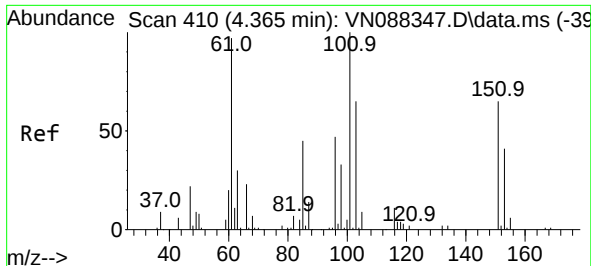
Tgt Ion:101 Resp: 94329  
Ion Ratio Lower Upper  
101 100  
103 67.0 52.3 78.5



#8  
Diethyl Ether  
Concen: 20.650 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 74 Resp: 36580  
Ion Ratio Lower Upper  
74 100  
45 110.1 54.2 162.6

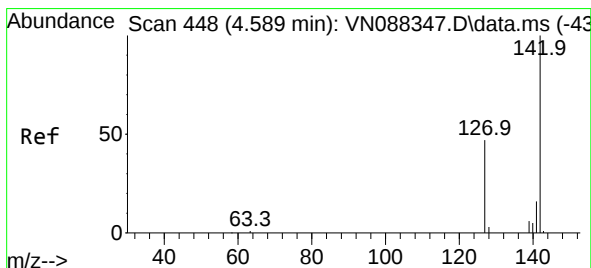
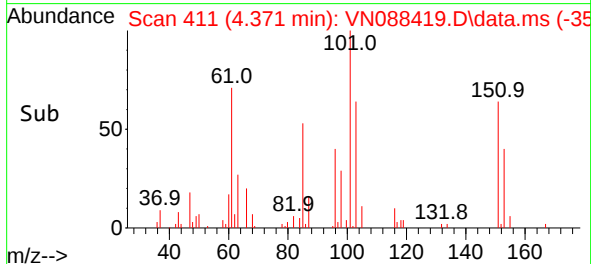
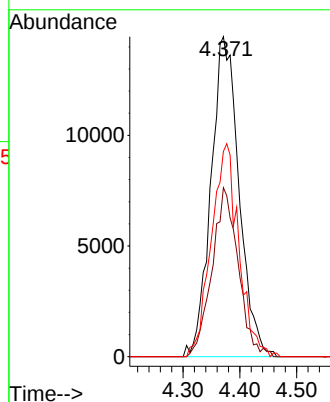
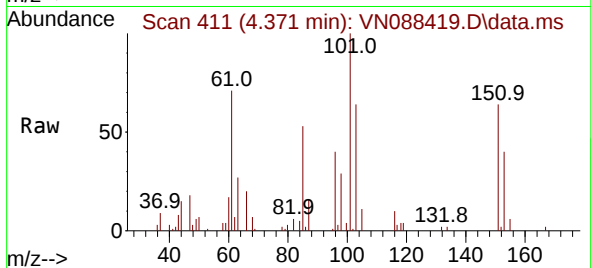




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.736 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

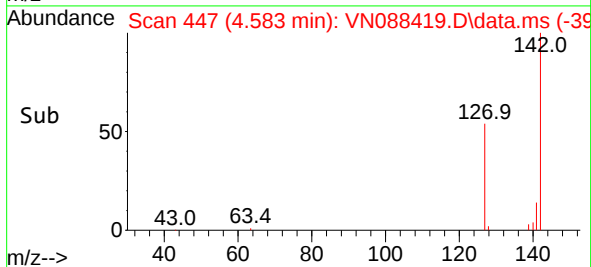
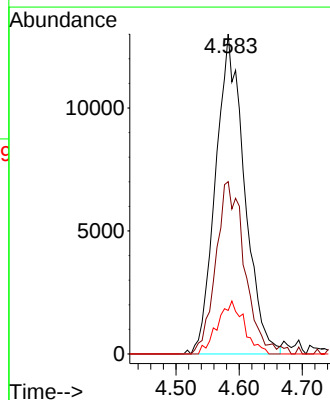
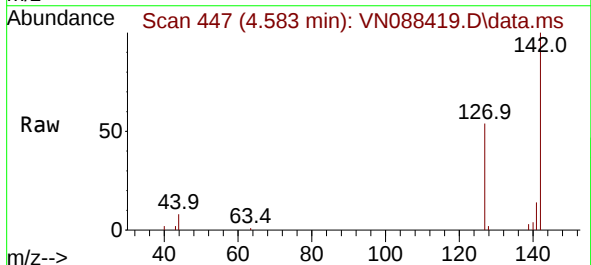
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

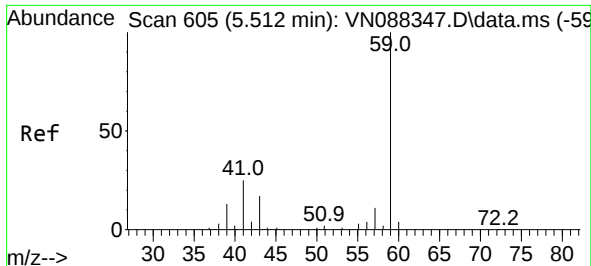
Tgt Ion:101 Resp: 49588  
Ion Ratio Lower Upper  
101 100  
85 49.3 39.2 58.8  
151 65.0 53.6 80.4



#10  
Methyl Iodide  
Concen: 16.580 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion:142 Resp: 41239  
Ion Ratio Lower Upper  
142 100  
127 53.8 37.9 56.9  
141 13.6 12.4 18.6

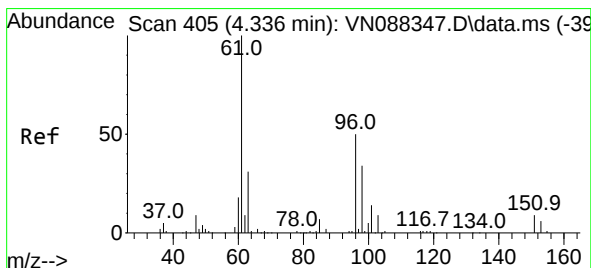
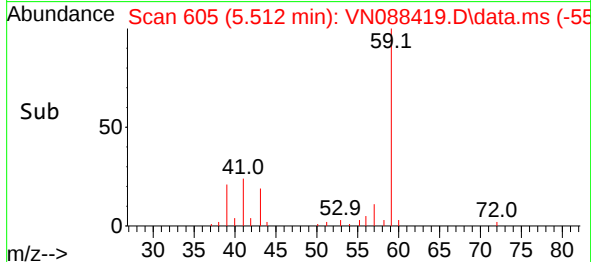
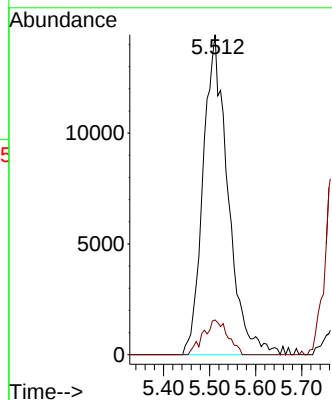
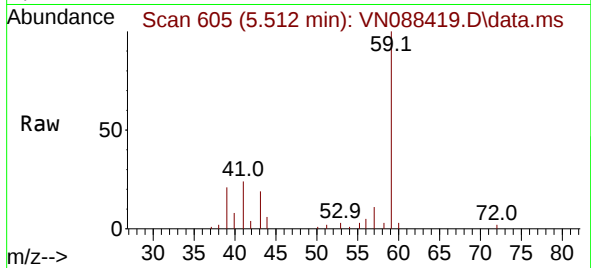




#11  
Tert butyl alcohol  
Concen: 88.250 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

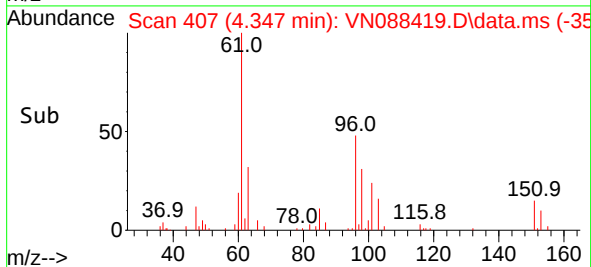
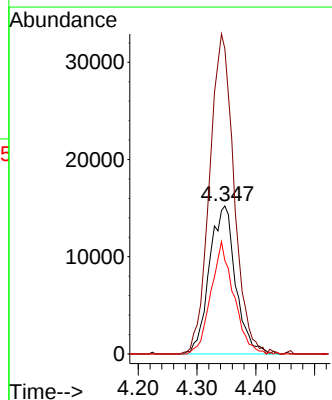
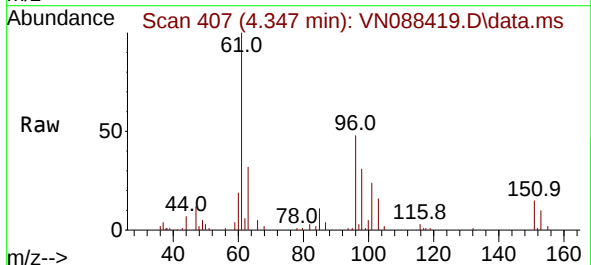
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

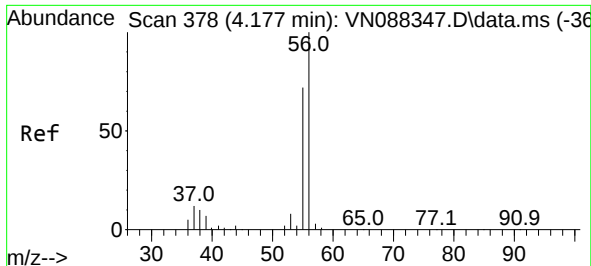
Tgt Ion: 59 Resp: 54309  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 18.945 ug/l  
RT: 4.347 min Scan# 407  
Delta R.T. 0.012 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 96 Resp: 47292  
Ion Ratio Lower Upper  
96 100  
61 206.2 159.1 238.7  
98 63.1 53.7 80.5

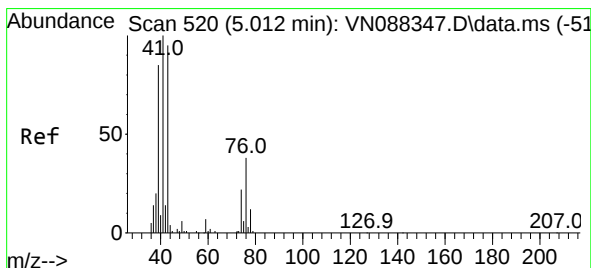
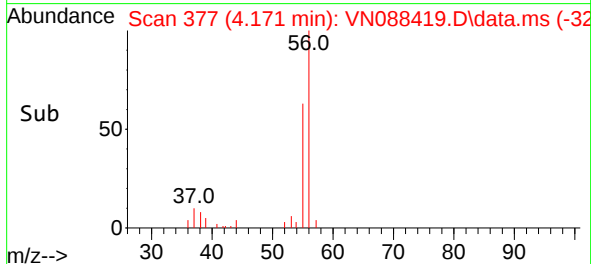
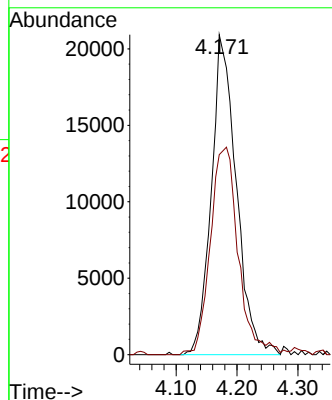
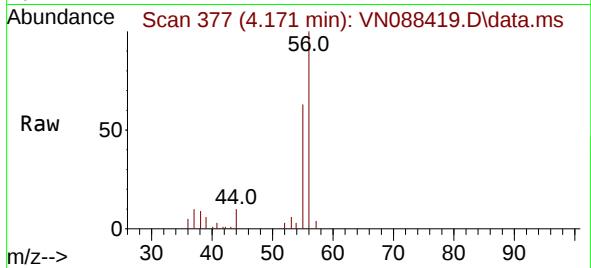




#13  
Acrolein  
Concen: 101.061 ug/l  
RT: 4.171 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

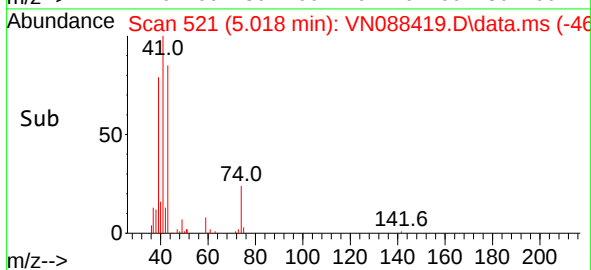
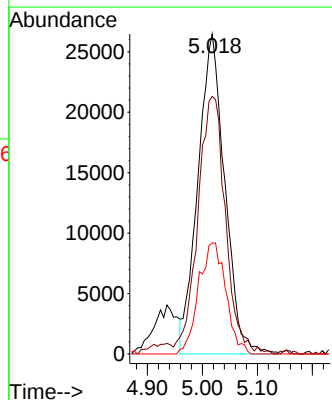
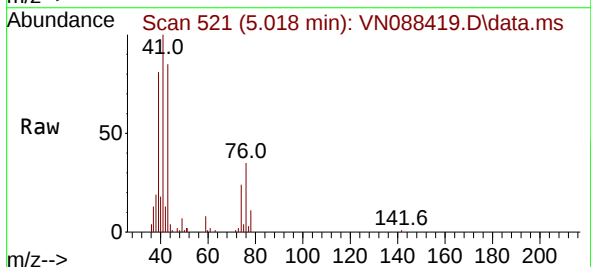
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

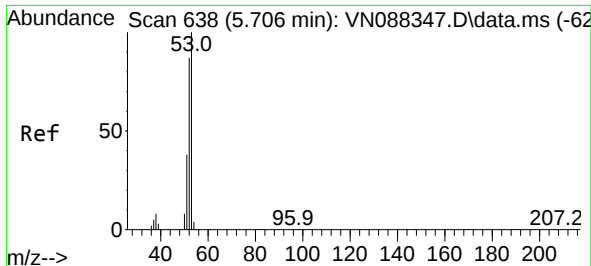
Tgt Ion: 56 Resp: 59542  
Ion Ratio Lower Upper  
56 100  
55 72.6 56.3 84.5



#14  
Allyl chloride  
Concen: 19.426 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

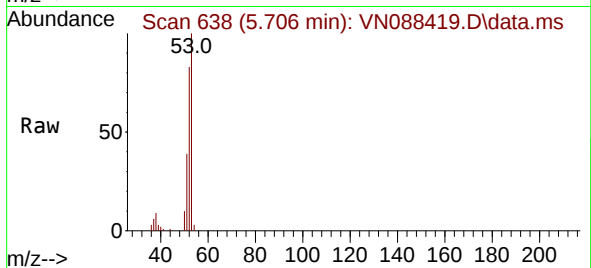
Tgt Ion: 41 Resp: 89883  
Ion Ratio Lower Upper  
41 100  
39 80.6 64.7 97.1  
76 35.2 29.1 43.7





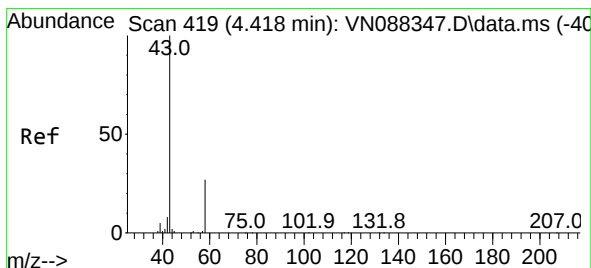
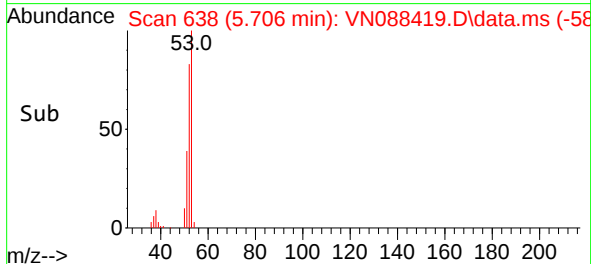
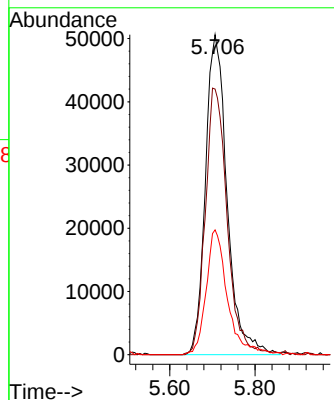
#15  
Acrylonitrile  
Concen: 100.773 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01



Tgt Ion: 53 Resp: 178927

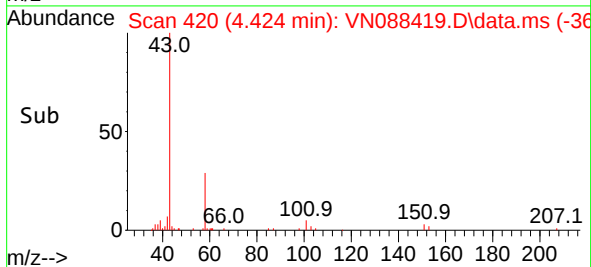
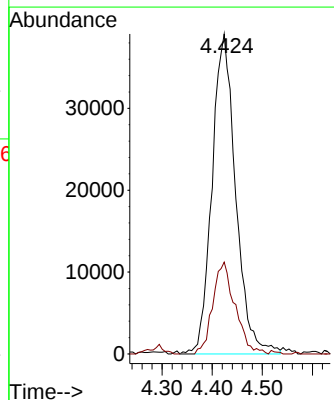
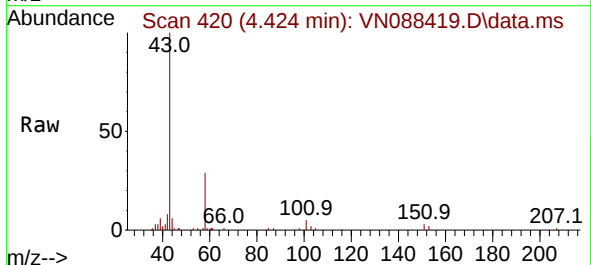
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.4  | 67.8  | 101.6 |
| 51  | 38.5  | 29.8  | 44.8  |

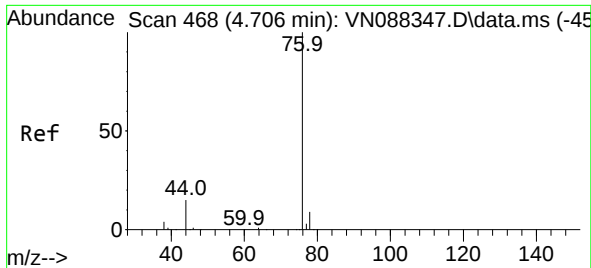


#16  
Acetone  
Concen: 91.942 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 43 Resp: 128167

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 28.7  | 21.7  | 32.5  |

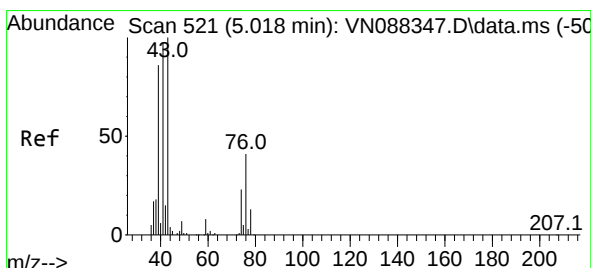
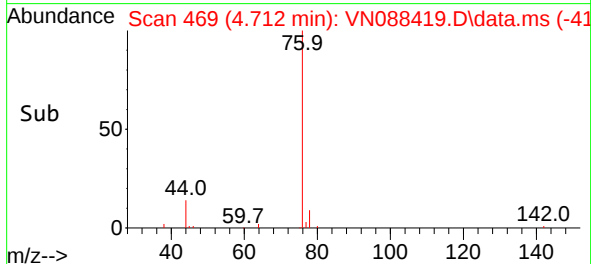
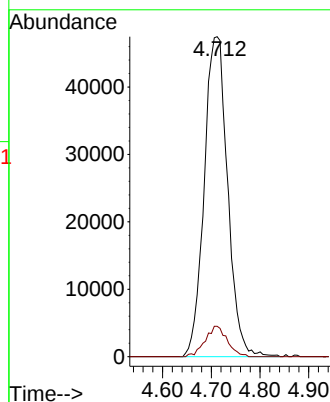
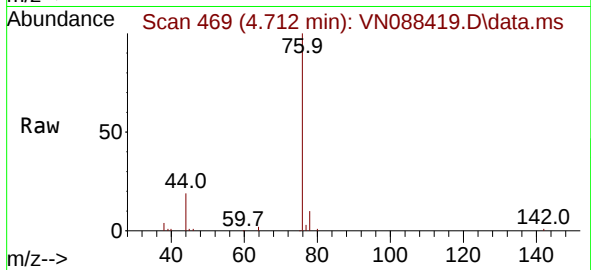




#17  
Carbon Disulfide  
Concen: 19.418 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

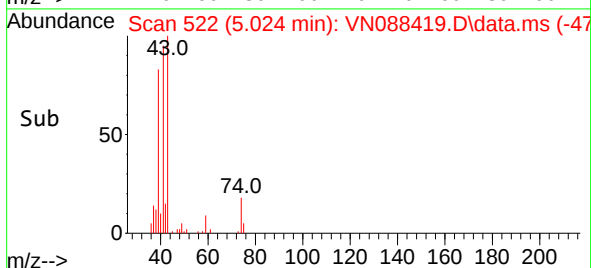
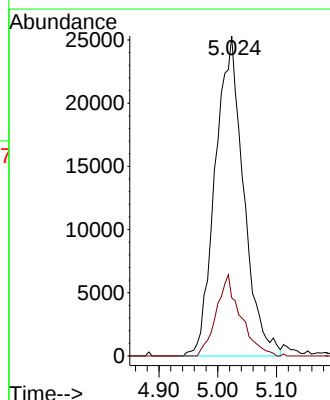
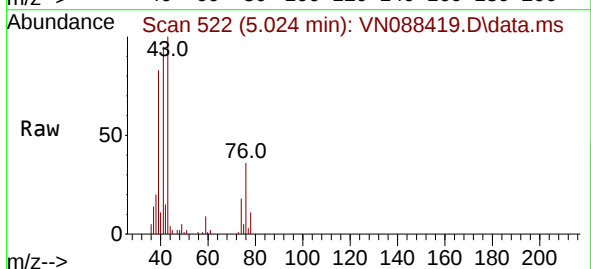
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

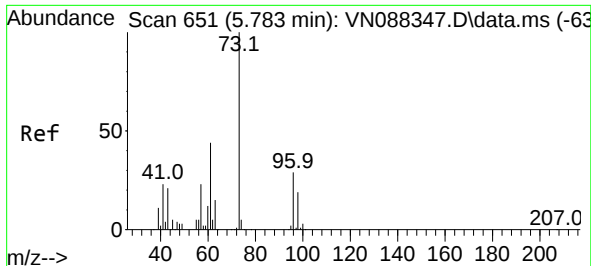
Tgt Ion: 76 Resp: 158397  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.0 10.4



#18  
Methyl Acetate  
Concen: 20.428 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 43 Resp: 84767  
Ion Ratio Lower Upper  
43 100  
74 21.8 17.9 26.9

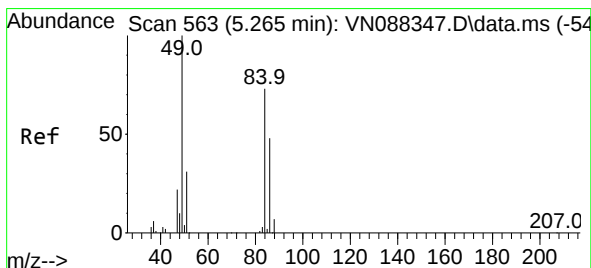
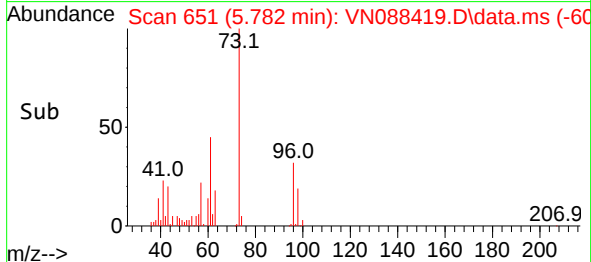
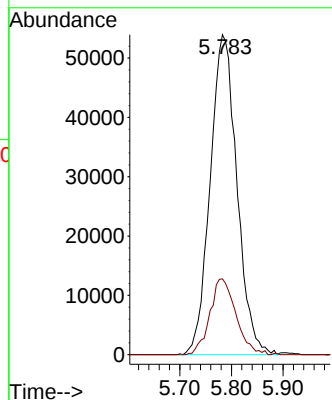
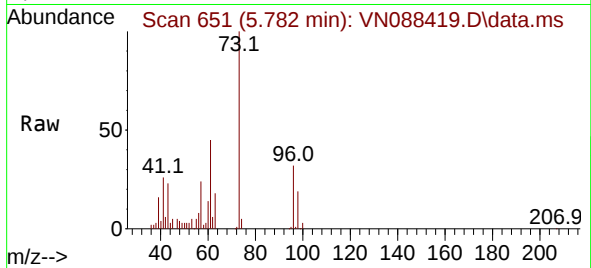




#19  
Methyl tert-butyl Ether  
Concen: 20.752 ug/l  
RT: 5.782 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

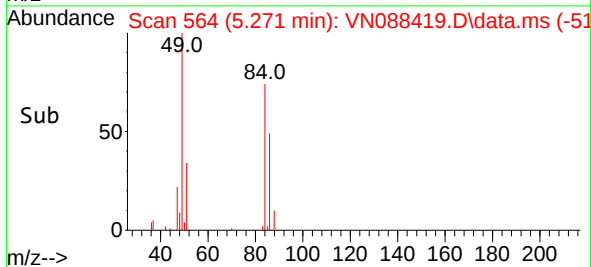
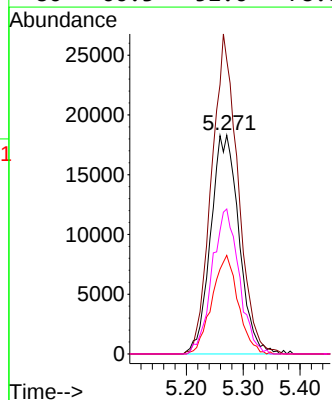
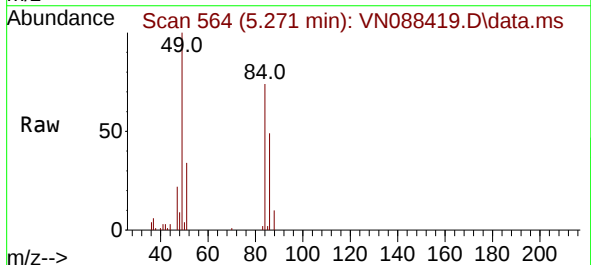
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

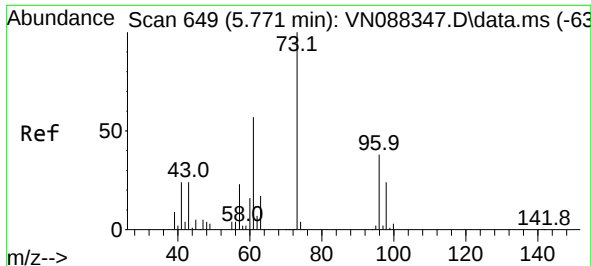
Tgt Ion: 73 Resp: 194085  
Ion Ratio Lower Upper  
73 100  
57 23.7 18.6 28.0



#20  
Methylene Chloride  
Concen: 21.218 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 84 Resp: 63283  
Ion Ratio Lower Upper  
84 100  
49 134.4 110.2 165.2  
51 45.1 34.1 51.1  
86 66.3 52.6 78.8

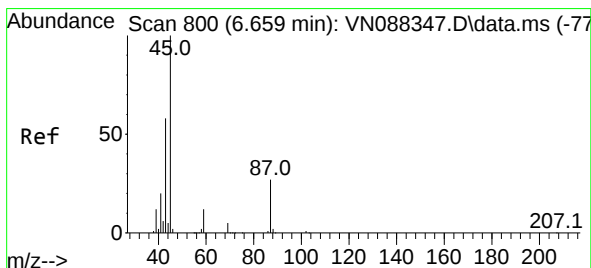
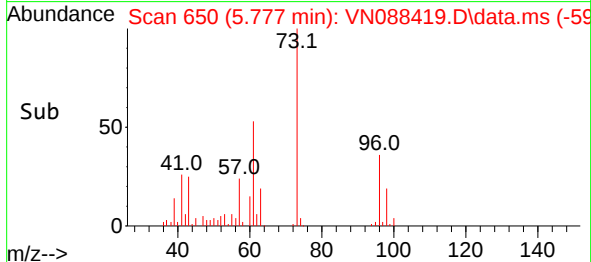
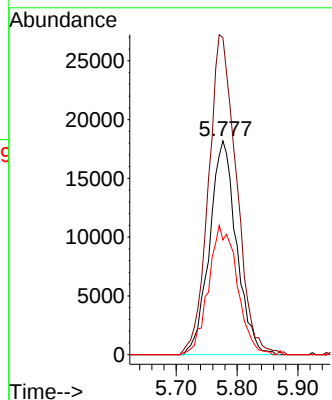
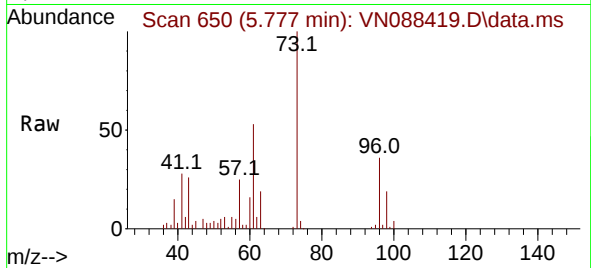




#21  
trans-1,2-Dichloroethene  
Concen: 20.189 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

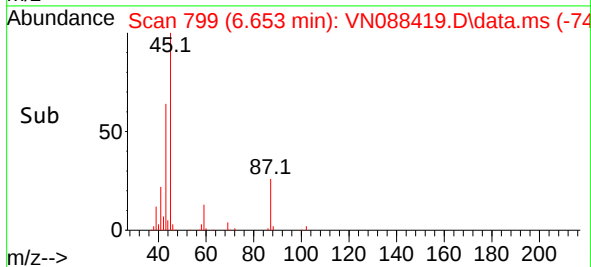
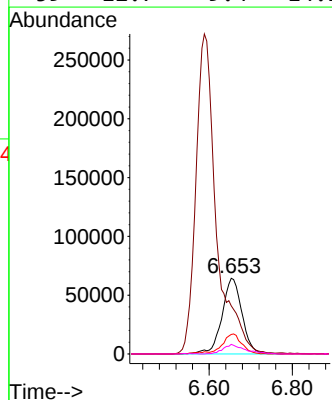
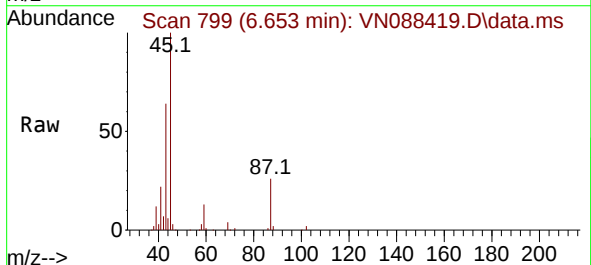
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

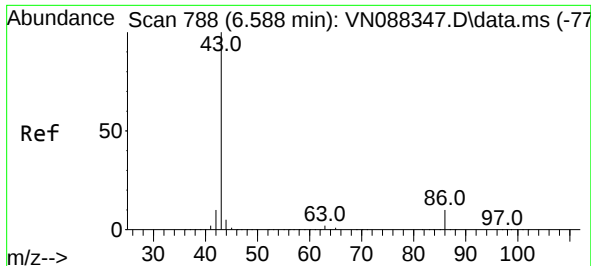
Tgt Ion: 96 Resp: 55829  
Ion Ratio Lower Upper  
96 100  
61 148.3 122.4 183.6  
98 53.7 50.9 76.3



#22  
Diisopropyl ether  
Concen: 21.725 ug/l  
RT: 6.653 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 45 Resp: 214599  
Ion Ratio Lower Upper  
45 100  
43 62.1 47.4 71.2  
87 25.7 21.9 32.9  
59 12.7 9.4 14.2

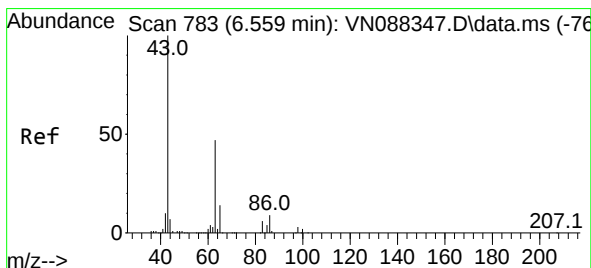
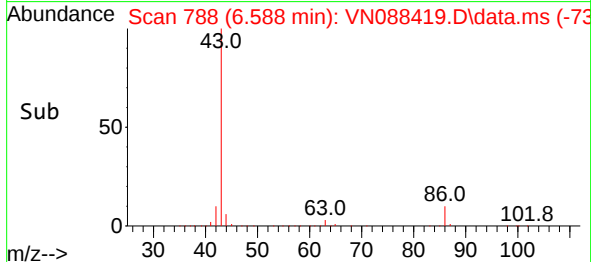
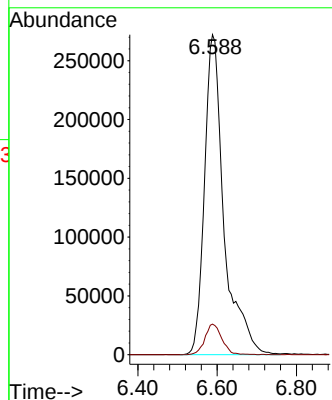
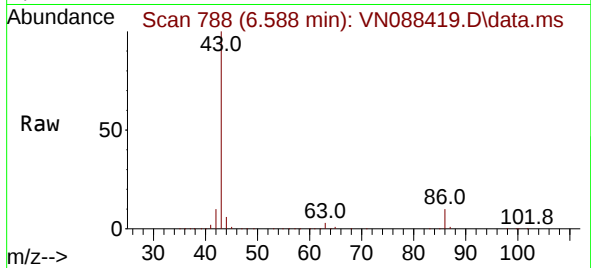




#23  
 Vinyl Acetate  
 Concen: 116.902 ug/l  
 RT: 6.588 min Scan# 788  
 Delta R.T. -0.000 min  
 Lab File: VN088419.D  
 Acq: 03 Dec 2025 11:38

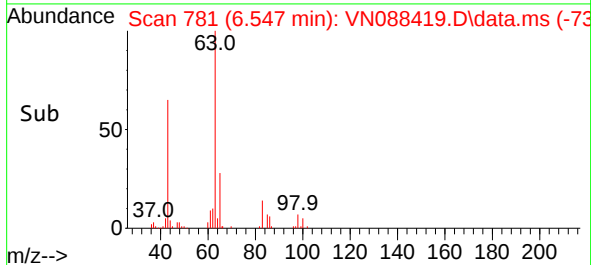
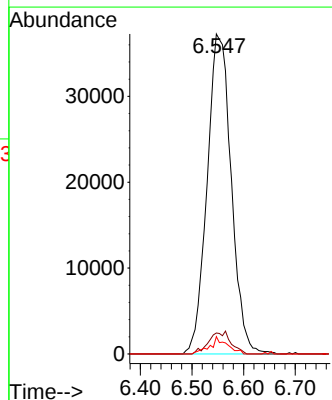
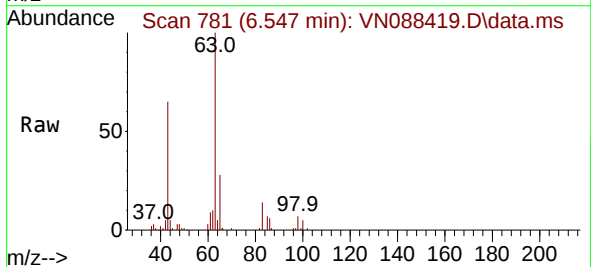
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1203WBS01

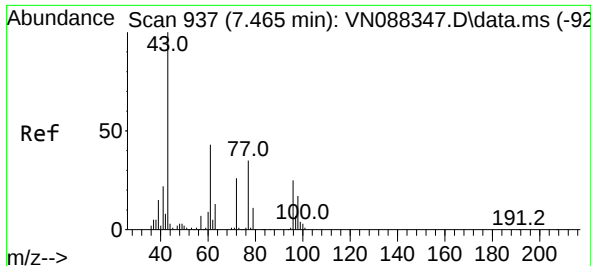
Tgt Ion: 43 Resp: 930390  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 21.616 ug/l  
 RT: 6.547 min Scan# 781  
 Delta R.T. -0.012 min  
 Lab File: VN088419.D  
 Acq: 03 Dec 2025 11:38

Tgt Ion: 63 Resp: 120920  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.4 10.2  
 100 5.4 1.9 5.7

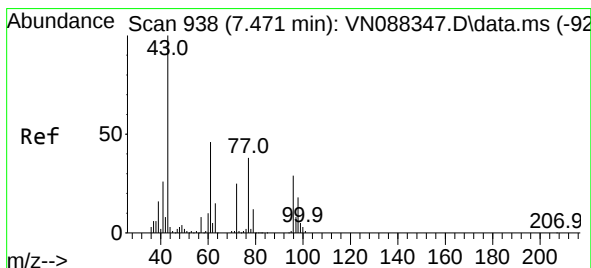
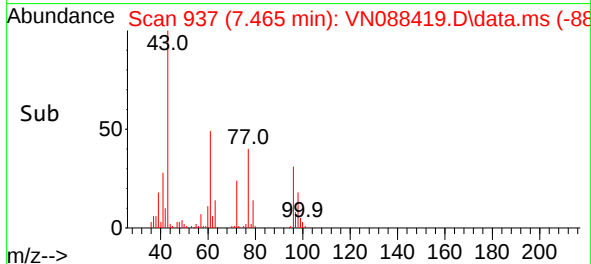
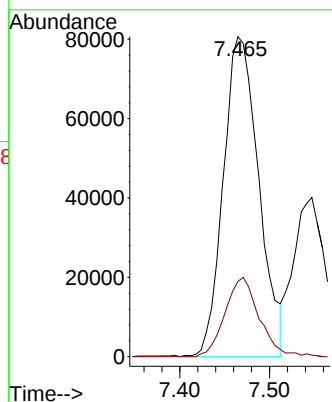
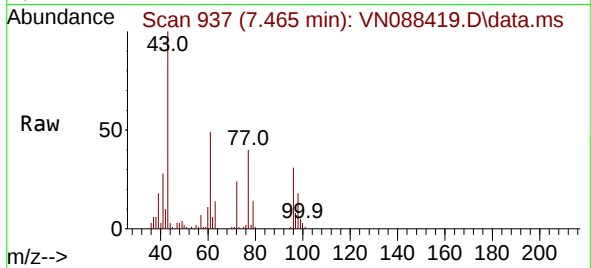




#25  
2-Butanone  
Concen: 98.785 ug/l  
RT: 7.465 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

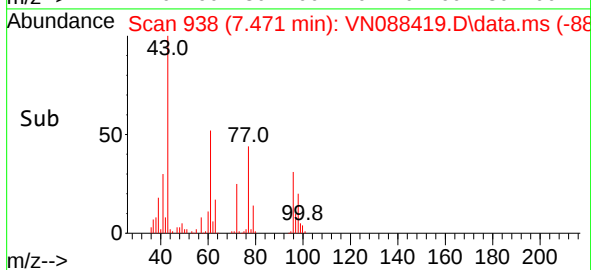
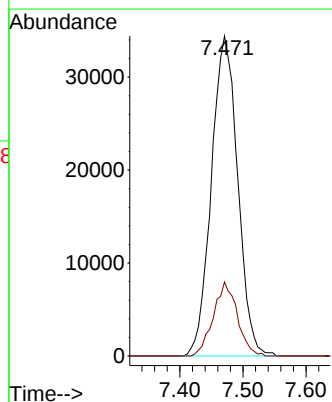
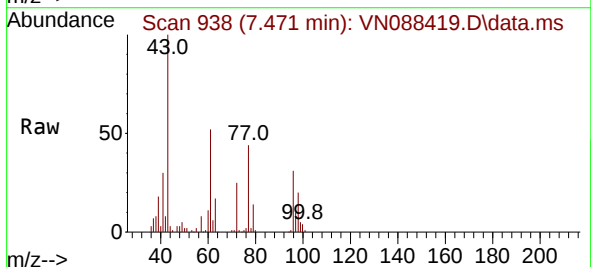
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

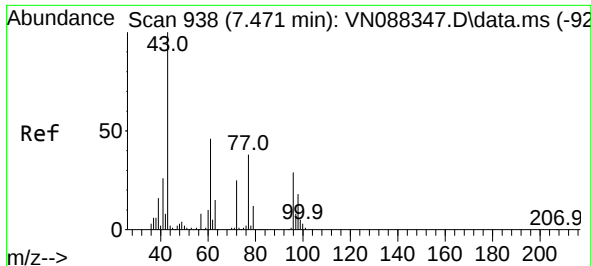
Tgt Ion: 43 Resp: 221378  
Ion Ratio Lower Upper  
43 100  
72 23.6 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 20.655 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 77 Resp: 99733  
Ion Ratio Lower Upper  
77 100  
97 21.0 10.3 30.9

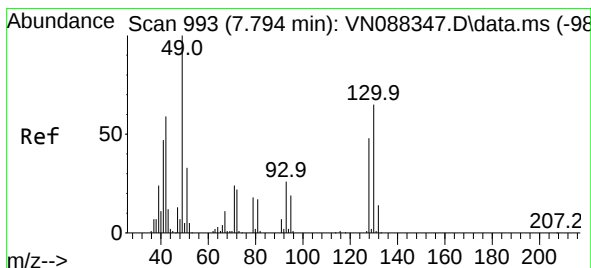
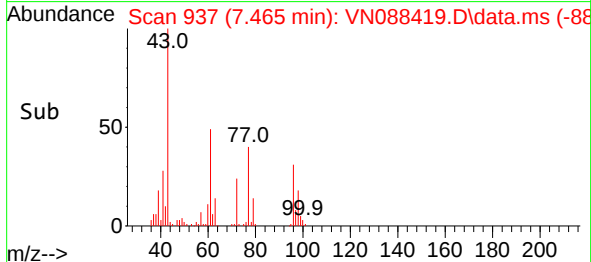
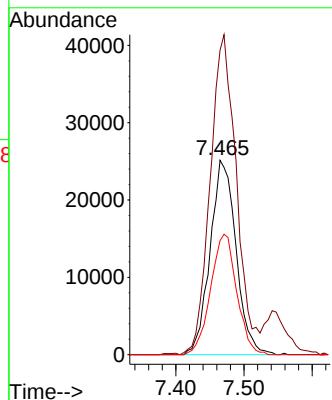
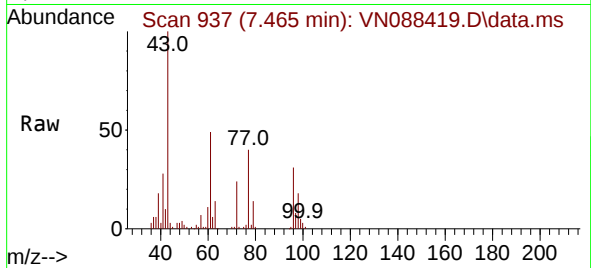




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.728 ug/l  
 RT: 7.465 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VN088419.D  
 Acq: 03 Dec 2025 11:38

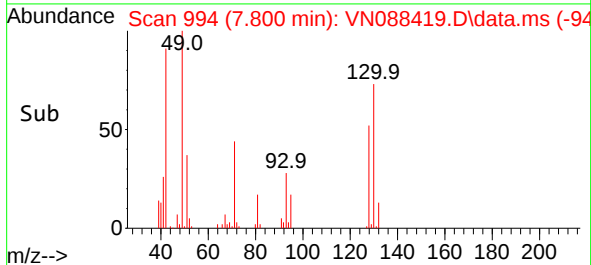
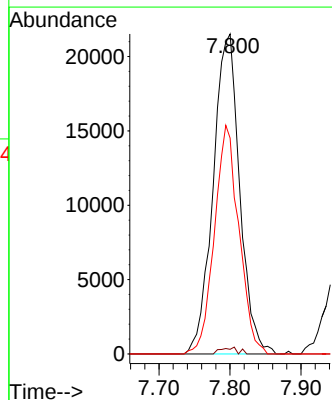
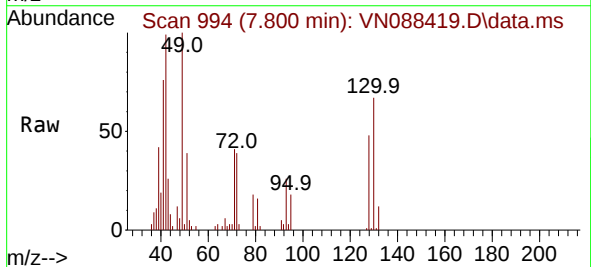
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1203WBS01

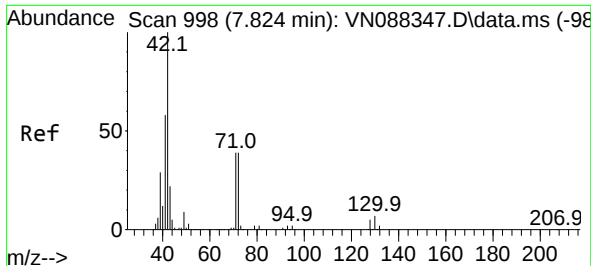
Tgt Ion: 96 Resp: 66616  
 Ion Ratio Lower Upper  
 96 100  
 61 166.2 0.0 323.6  
 98 62.3 0.0 127.2



#28  
 Bromochloromethane  
 Concen: 20.052 ug/l  
 RT: 7.800 min Scan# 994  
 Delta R.T. 0.006 min  
 Lab File: VN088419.D  
 Acq: 03 Dec 2025 11:38

Tgt Ion: 49 Resp: 55880  
 Ion Ratio Lower Upper  
 49 100  
 129 1.3 0.0 3.6  
 130 65.9 51.1 76.7

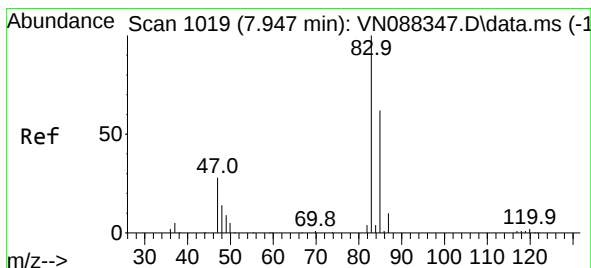
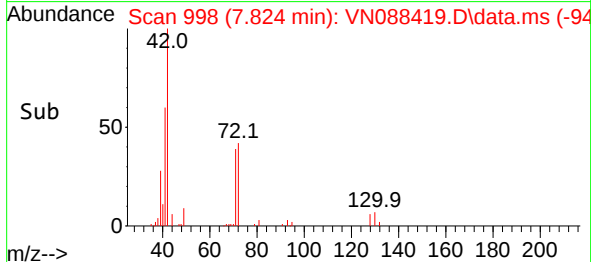
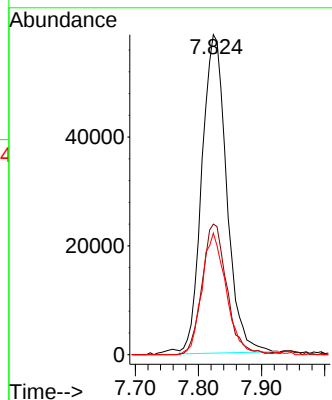
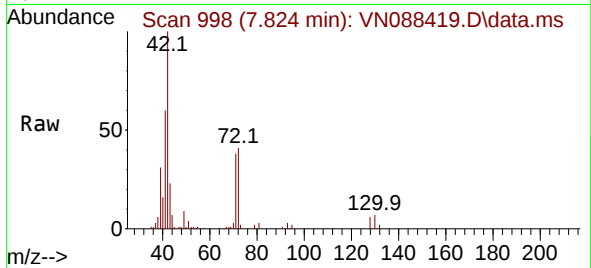




#29  
Tetrahydrofuran  
Concen: 99.052 ug/l  
RT: 7.824 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

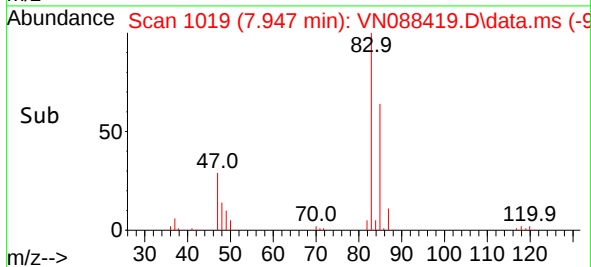
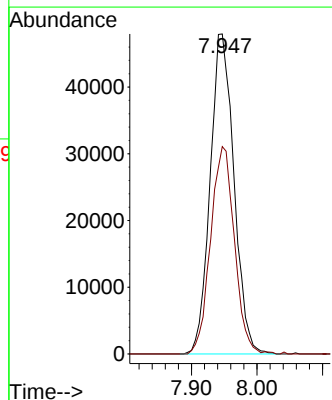
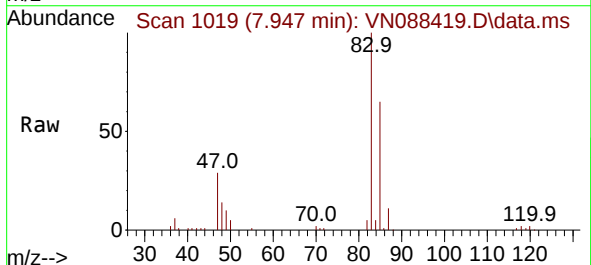
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

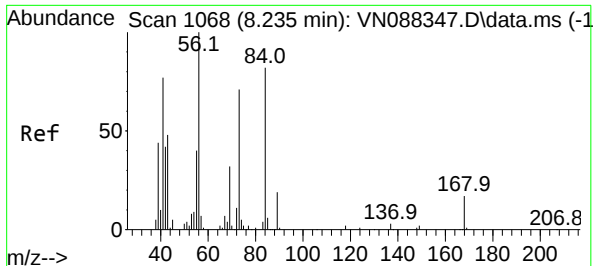
Tgt Ion: 42 Resp: 159218  
Ion Ratio Lower Upper  
42 100  
72 40.8 32.2 48.4  
71 37.7 31.1 46.7



#30  
Chloroform  
Concen: 21.987 ug/l  
RT: 7.947 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 83 Resp: 120855  
Ion Ratio Lower Upper  
83 100  
85 64.8 49.8 74.8

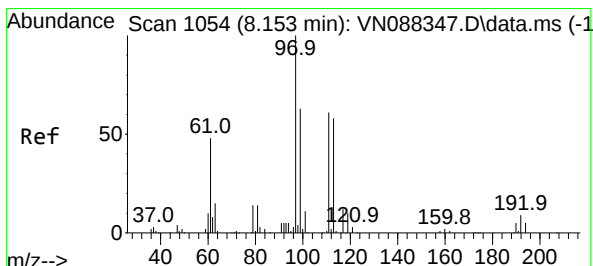
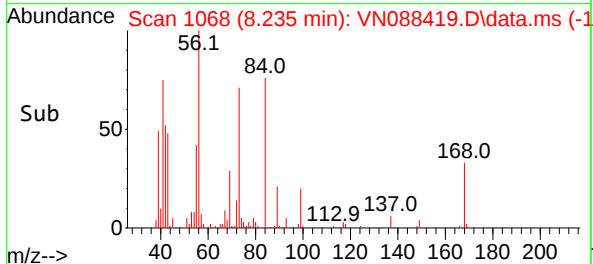
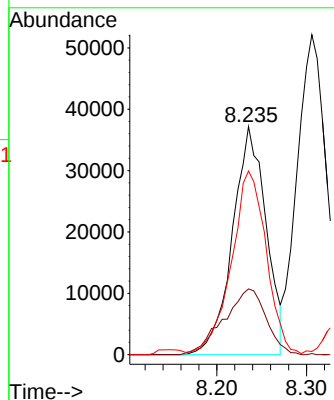
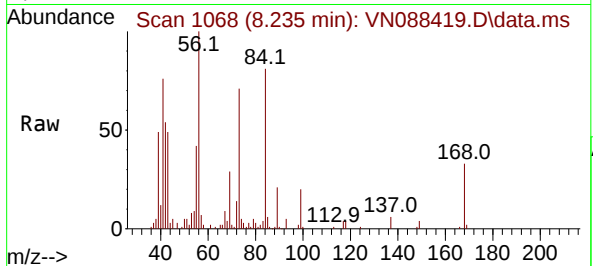




#31  
Cyclohexane  
Concen: 19.037 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

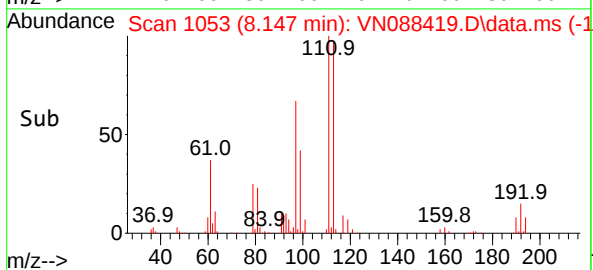
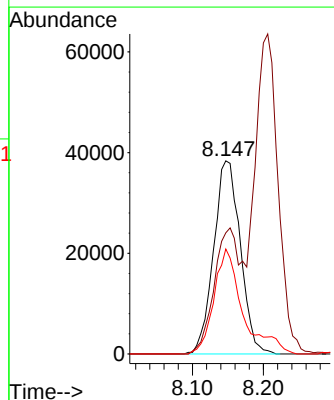
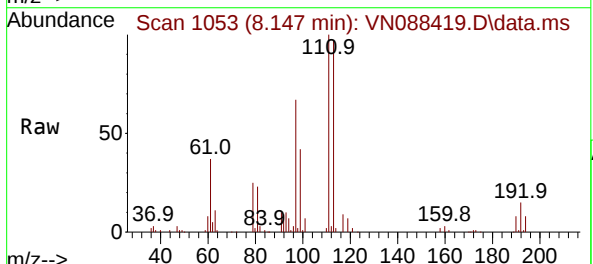
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

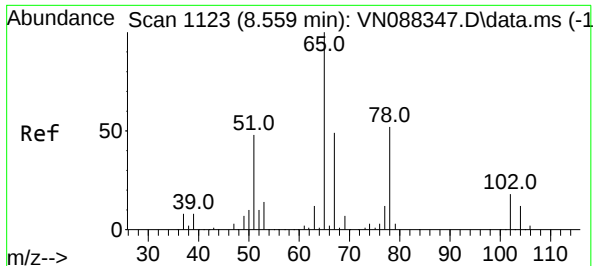
Tgt Ion: 56 Resp: 96506  
Ion Ratio Lower Upper  
56 100  
69 28.8 25.3 37.9  
84 78.6 65.4 98.2



#32  
1,1,1-Trichloroethane  
Concen: 20.671 ug/l  
RT: 8.147 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 97 Resp: 99906  
Ion Ratio Lower Upper  
97 100  
99 56.8 50.8 76.2  
61 58.8 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 54.267 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

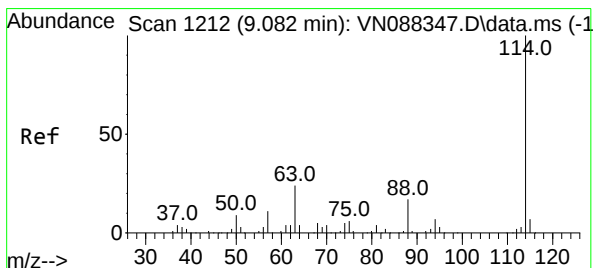
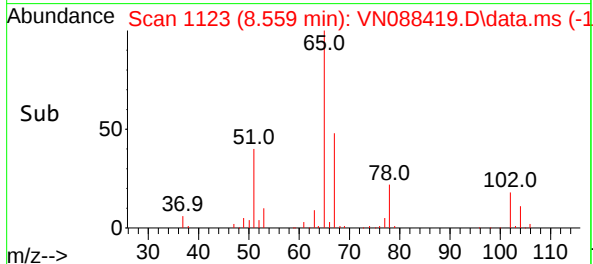
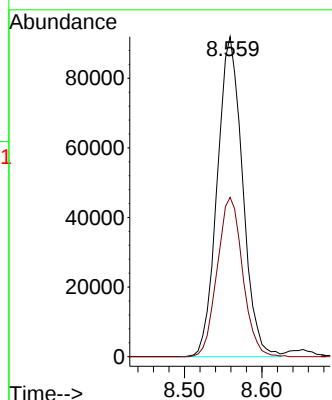
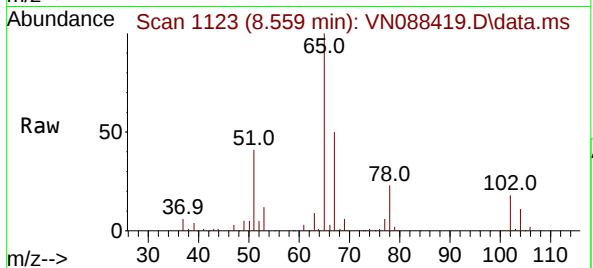
VN1203WBS01

Tgt Ion: 65 Resp: 209173

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

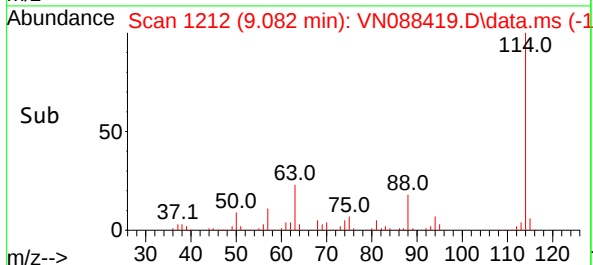
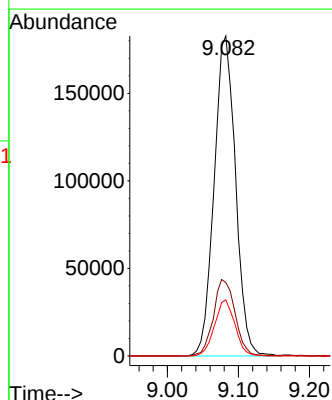
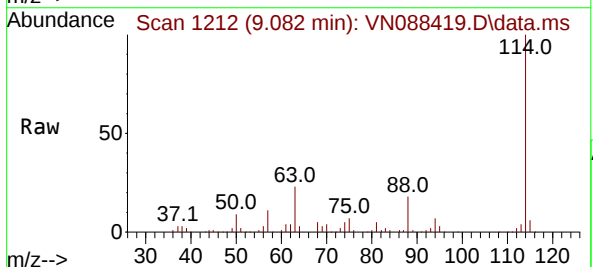
Tgt Ion: 114 Resp: 382235

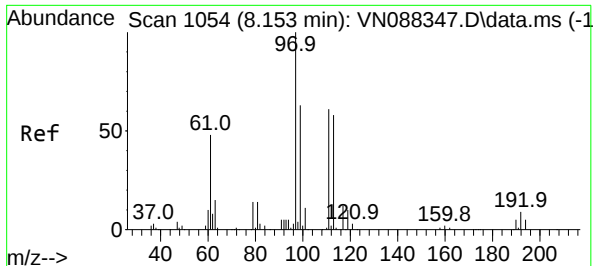
Ion Ratio Lower Upper

114 100

63 23.0 0.0 49.0

88 17.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.263 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1203WBS01

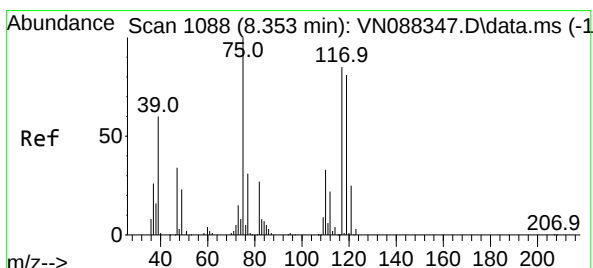
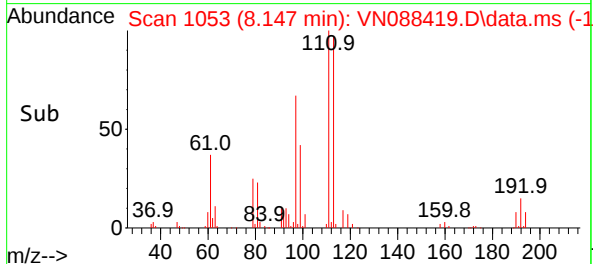
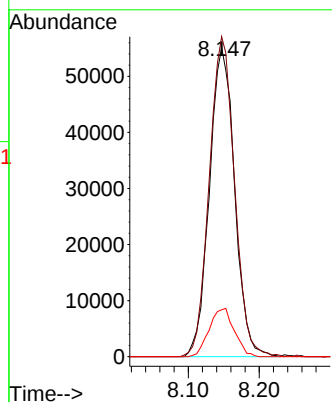
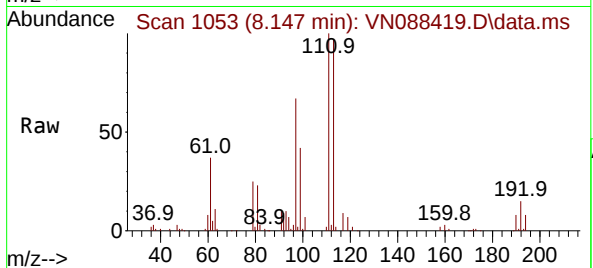
Tgt Ion:113 Resp: 135788

Ion Ratio Lower Upper

113 100

111 103.5 82.5 123.7

192 15.5 12.8 19.2



#36

1,1-Dichloropropene

Concen: 18.825 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

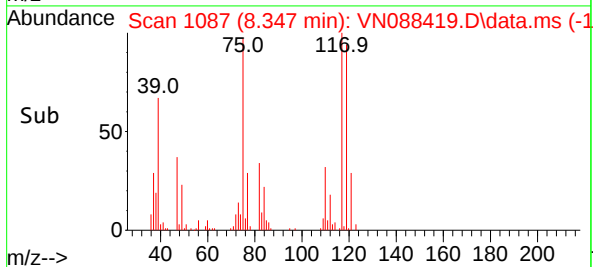
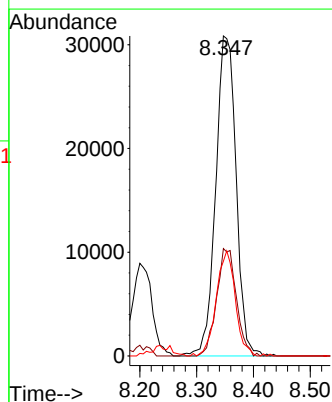
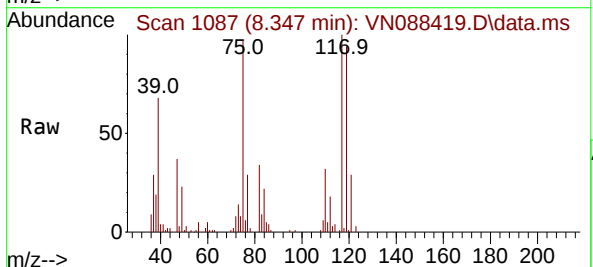
Tgt Ion: 75 Resp: 76957

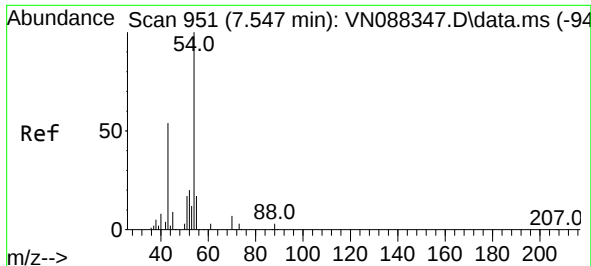
Ion Ratio Lower Upper

75 100

110 32.6 15.8 47.4

77 30.7 24.2 36.2

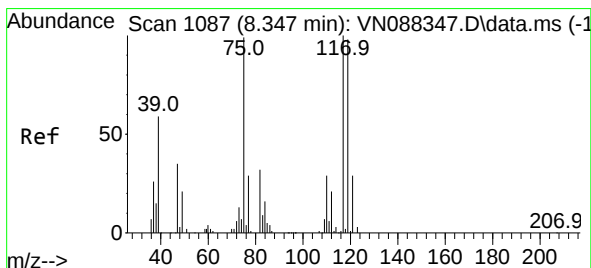
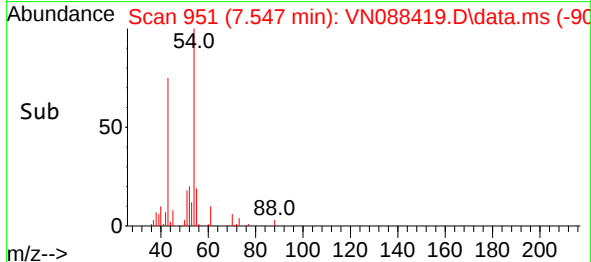
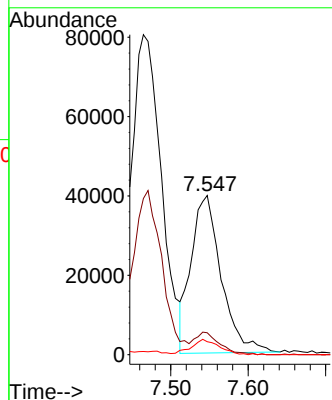
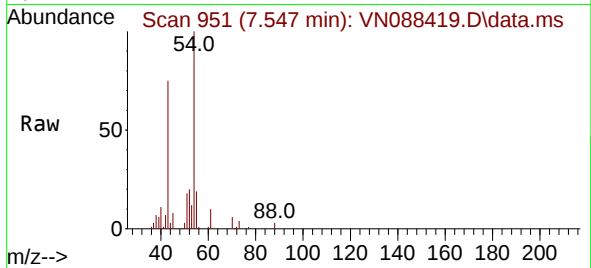




#37  
Ethyl Acetate  
Concen: 19.953 ug/l  
RT: 7.547 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

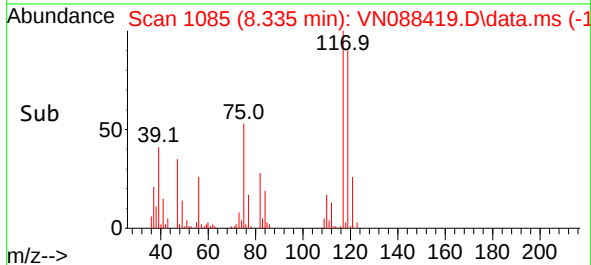
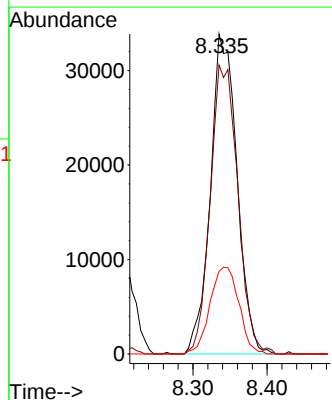
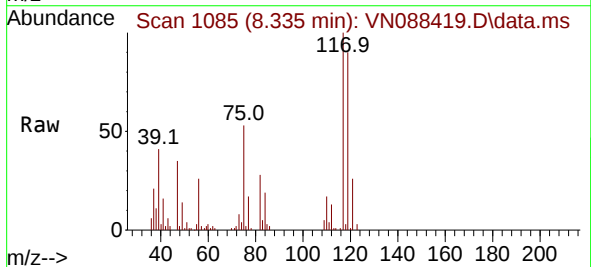
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

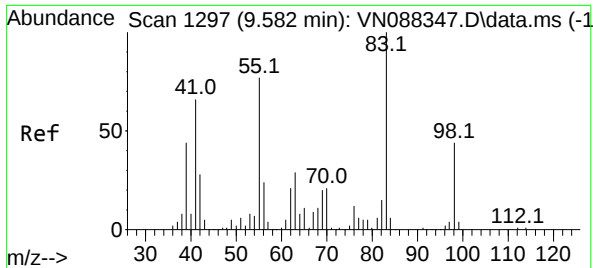
Tgt Ion: 43 Resp: 107252  
Ion Ratio Lower Upper  
43 100  
61 11.7 9.5 14.3  
70 8.9 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 20.765 ug/l  
RT: 8.335 min Scan# 1085  
Delta R.T. -0.012 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 117 Resp: 84507  
Ion Ratio Lower Upper  
117 100  
119 90.3 78.2 117.4  
121 25.9 23.4 35.2





#39

Methylcyclohexane

Concen: 17.154 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1203WBS01

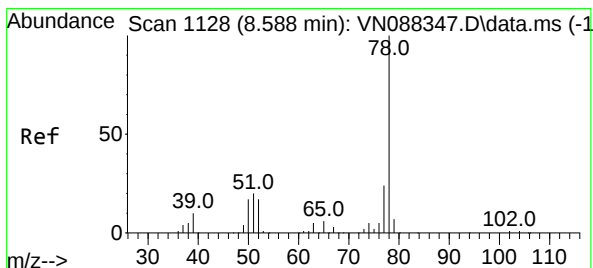
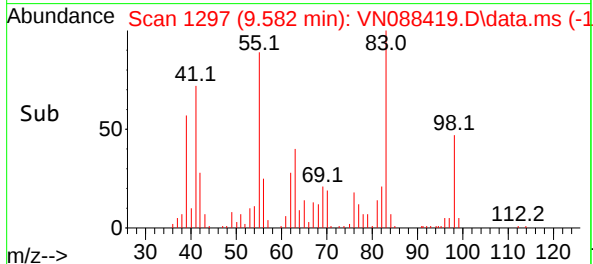
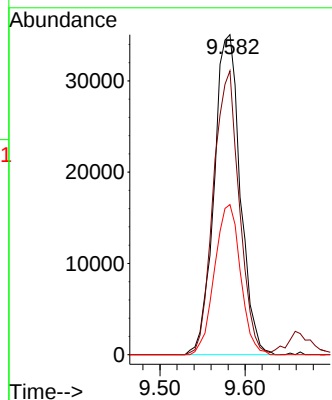
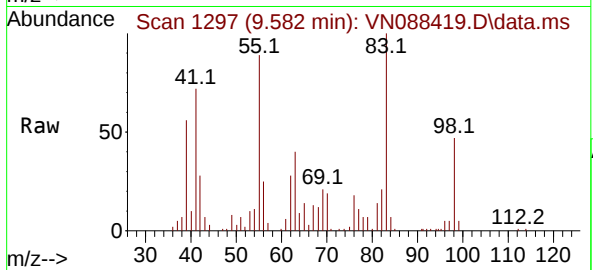
Tgt Ion: 83 Resp: 75011

Ion Ratio Lower Upper

83 100

55 88.7 61.6 92.4

98 46.9 35.3 52.9



#40

Benzene

Concen: 20.274 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088419.D

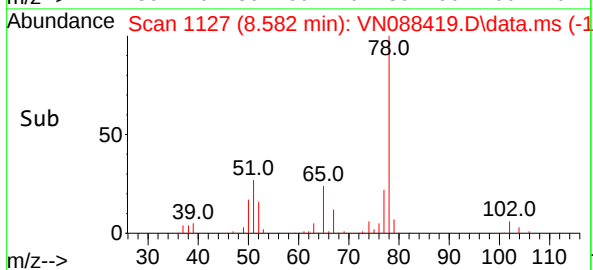
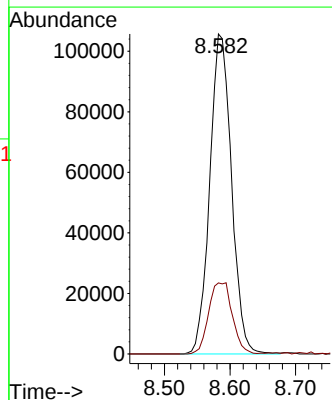
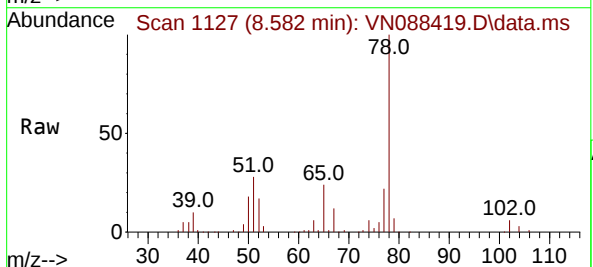
Acq: 03 Dec 2025 11:38

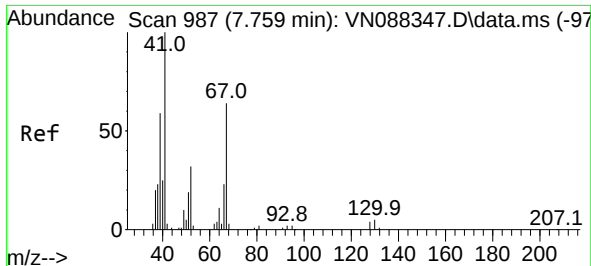
Tgt Ion: 78 Resp: 243262

Ion Ratio Lower Upper

78 100

77 22.2 19.0 28.4

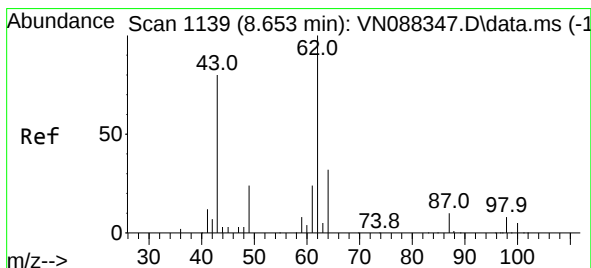
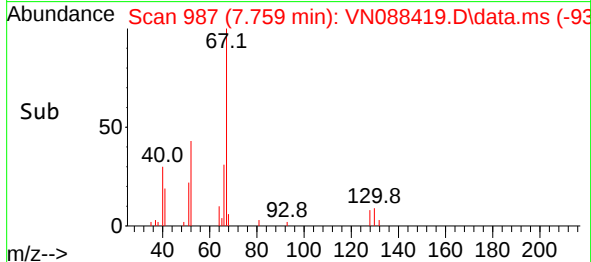
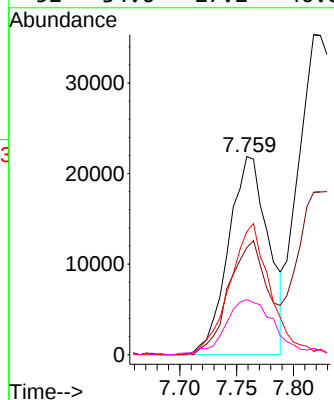
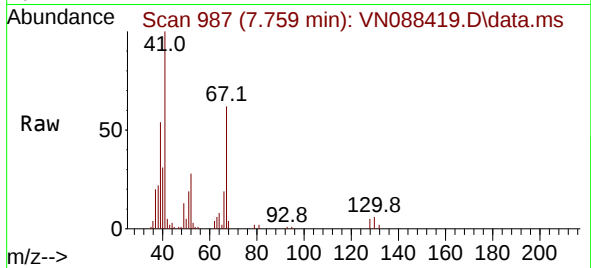




#41  
Methacrylonitrile  
Concen: 20.157 ug/l  
RT: 7.759 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

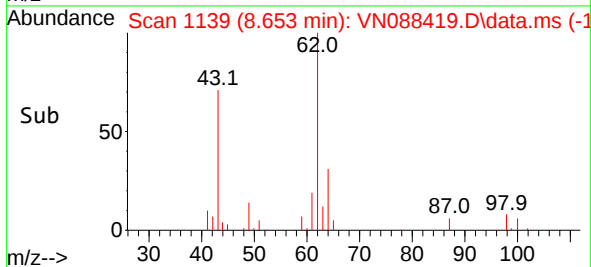
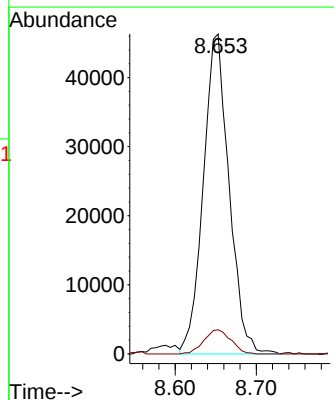
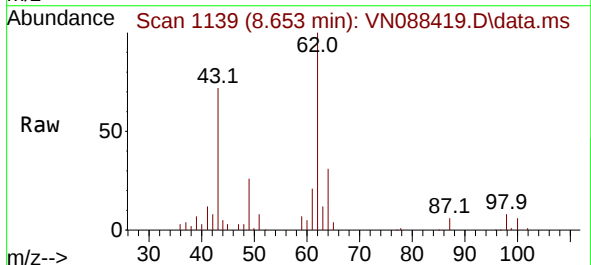
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

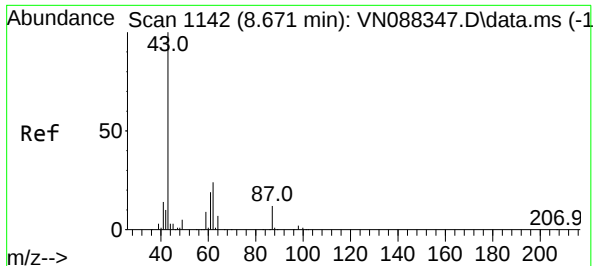
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 53665 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 57.0  | 46.3  | 69.5  |
| 67        | 67.5  | 54.7  | 82.1  |
| 52        | 34.6  | 27.2  | 40.8  |



#42  
1,2-Dichloroethane  
Concen: 22.307 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 102116 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 7.9   | 0.0   | 16.2   |





#43

Isopropyl Acetate

Concen: 19.429 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1203WBS01

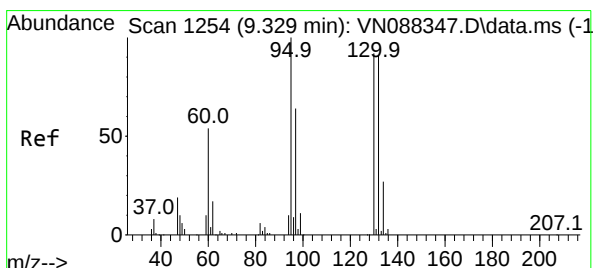
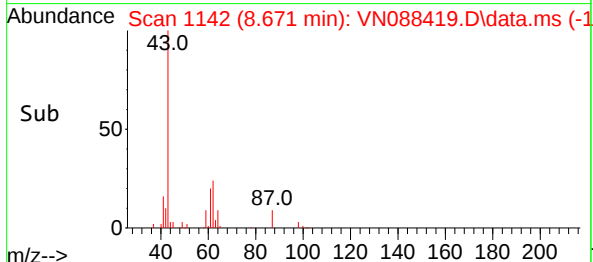
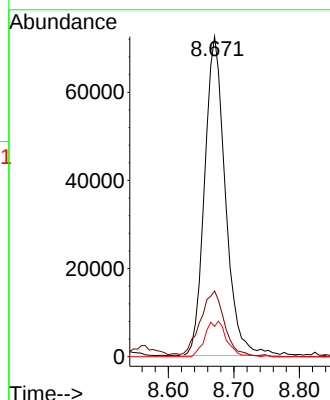
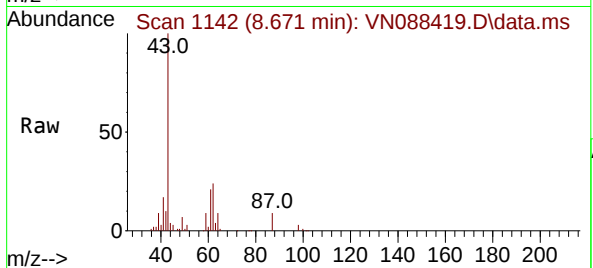
Tgt Ion: 43 Resp: 159565

Ion Ratio Lower Upper

43 100

61 23.3 18.7 28.1

87 11.5 9.1 13.7



#44

Trichloroethene

Concen: 19.151 ug/l

RT: 9.329 min Scan# 1254

Delta R.T. -0.000 min

Lab File: VN088419.D

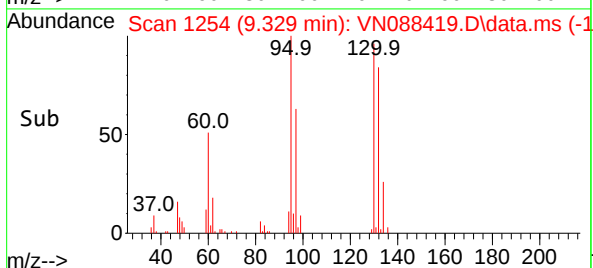
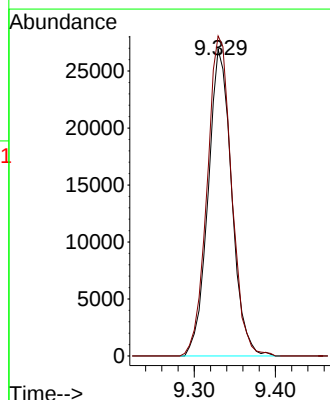
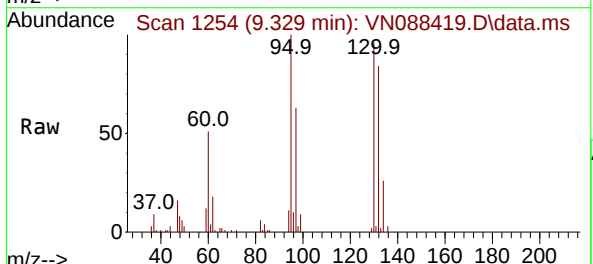
Acq: 03 Dec 2025 11:38

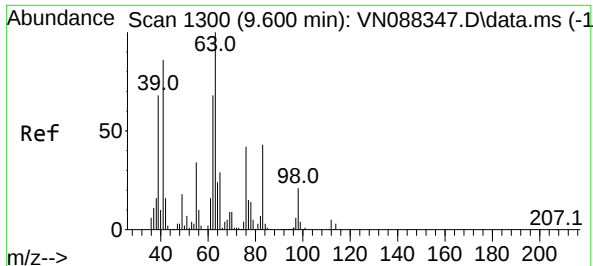
Tgt Ion:130 Resp: 54294

Ion Ratio Lower Upper

130 100

95 104.3 0.0 217.0





#45

1,2-Dichloropropane

Concen: 20.960 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

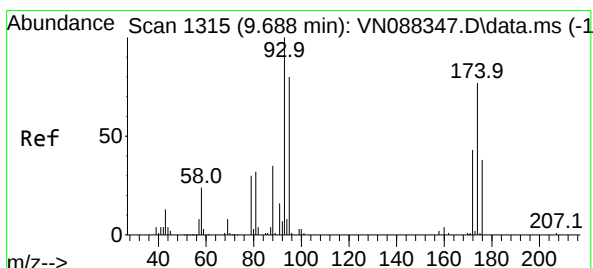
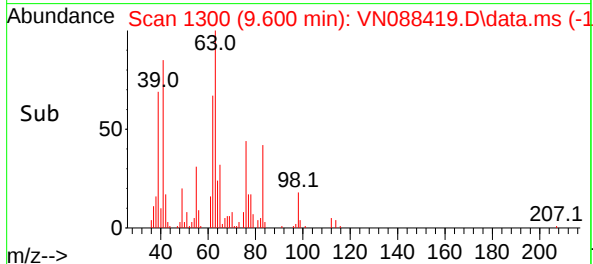
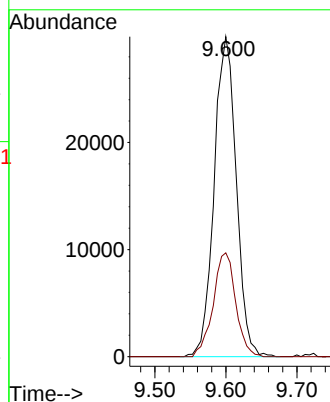
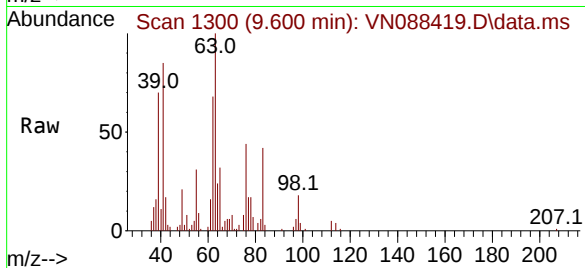
VN1203WBS01

Tgt Ion: 63 Resp: 64434

Ion Ratio Lower Upper

63 100

65 32.4 23.0 34.4



#46

Dibromomethane

Concen: 21.030 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

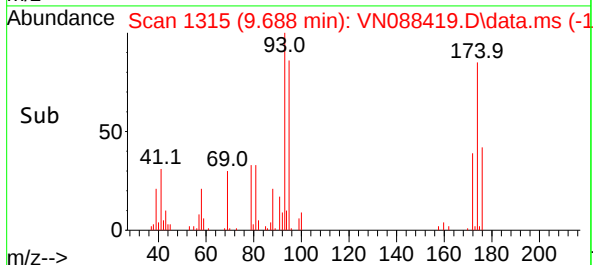
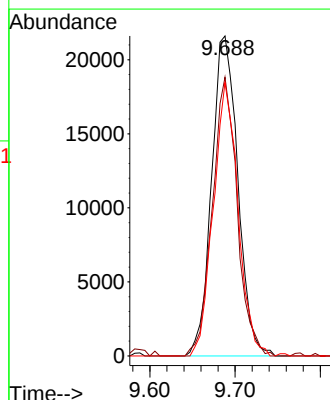
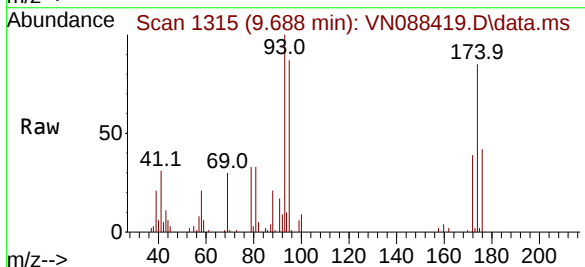
Tgt Ion: 93 Resp: 46137

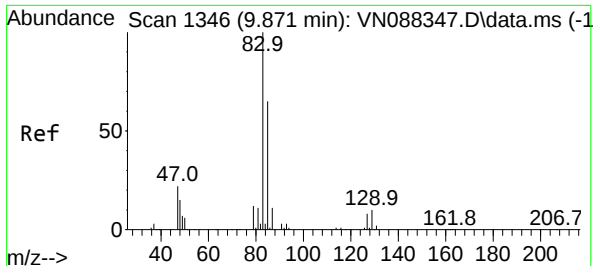
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 80.9 64.3 96.5

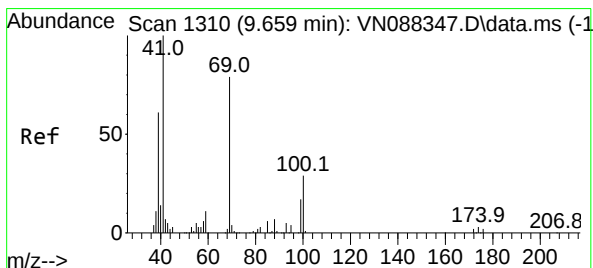
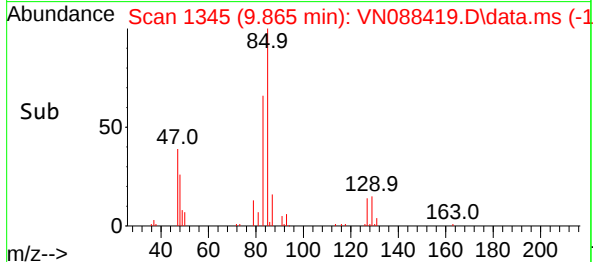
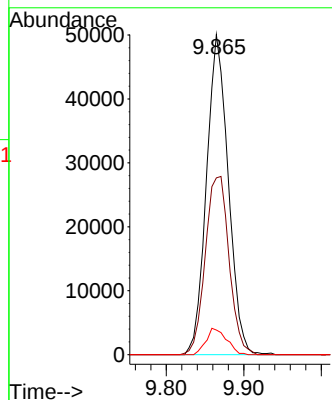
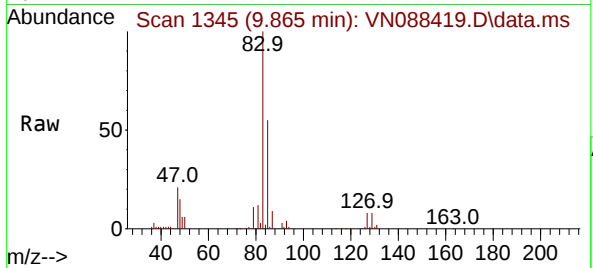




#47  
Bromodichloromethane  
Concen: 21.818 ug/l  
RT: 9.865 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

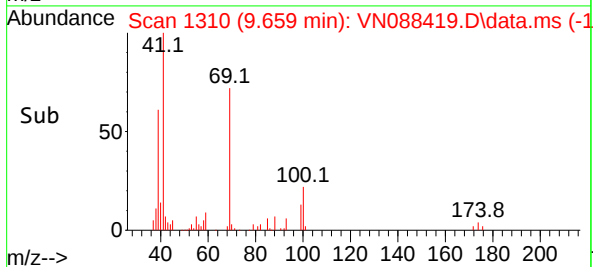
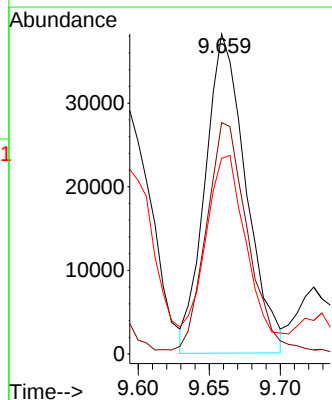
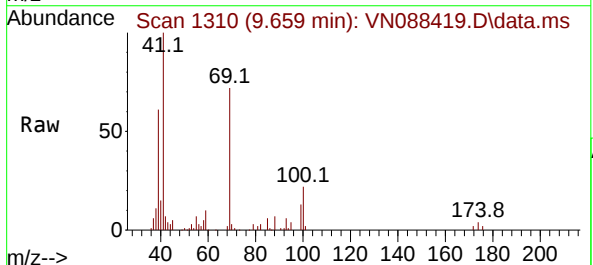
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

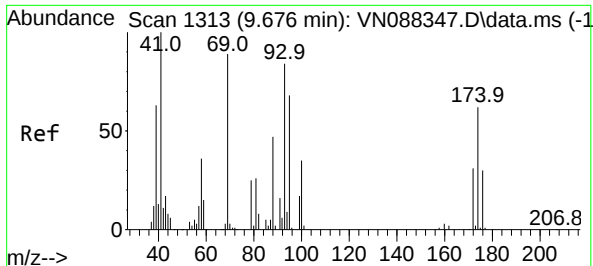
Tgt Ion: 83 Resp: 97667  
Ion Ratio Lower Upper  
83 100  
85 55.3 51.9 77.9  
127 7.7 6.3 9.5



#48  
Methyl methacrylate  
Concen: 20.348 ug/l  
RT: 9.659 min Scan# 1310  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 41 Resp: 76248  
Ion Ratio Lower Upper  
41 100  
69 75.5 62.4 93.6  
39 65.2 52.6 79.0





#49

1,4-Dioxane

Concen: 316.210 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1203WBS01

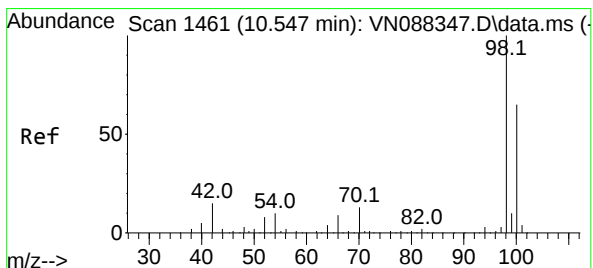
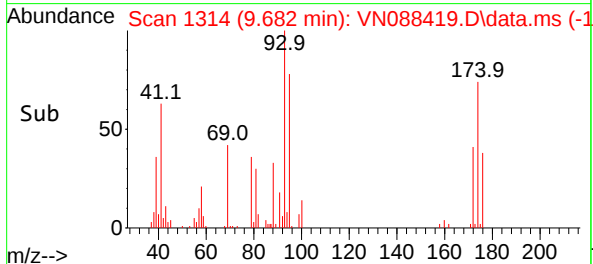
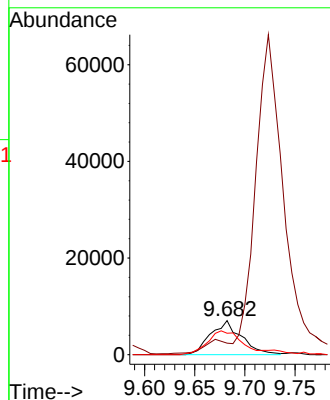
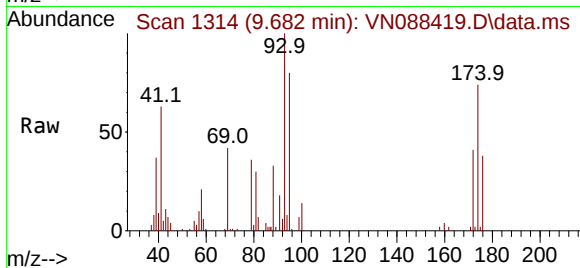
Tgt Ion: 88 Resp: 15069

Ion Ratio Lower Upper

88 100

43 34.6 0.0 0.0#

58 77.3 62.0 93.0



#50

Toluene-d8

Concen: 49.539 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088419.D

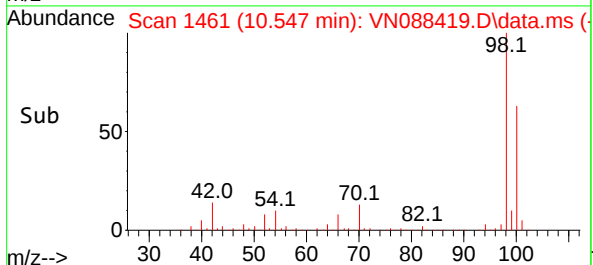
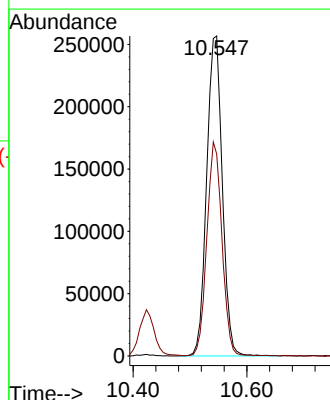
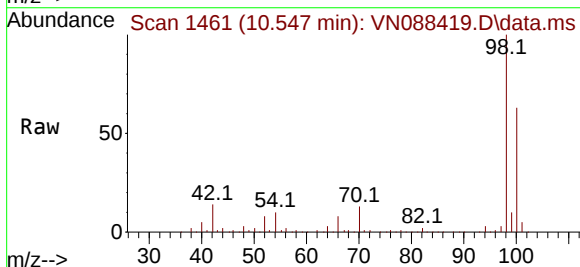
Acq: 03 Dec 2025 11:38

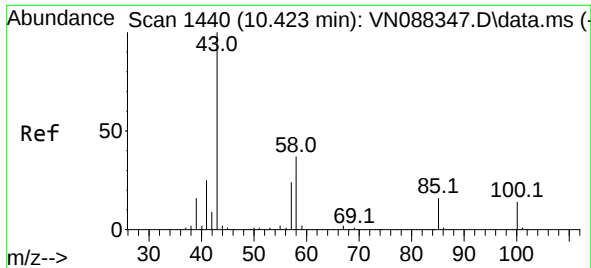
Tgt Ion: 98 Resp: 488254

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2

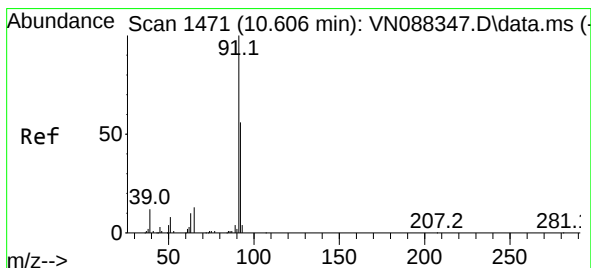
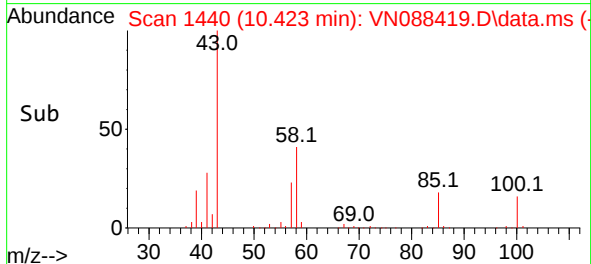
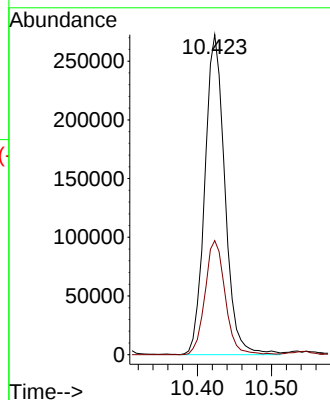
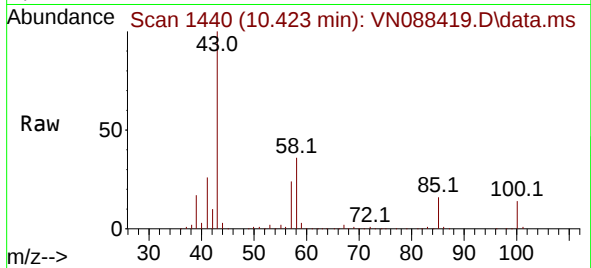




#51  
4-Methyl-2-Pentanone  
Concen: 106.034 ug/l  
RT: 10.423 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

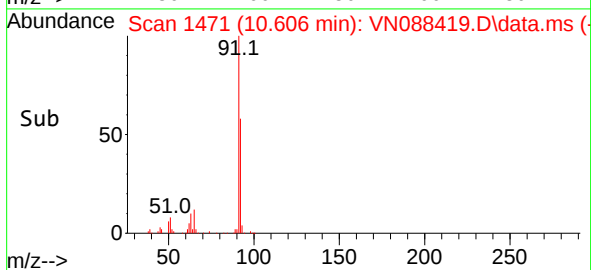
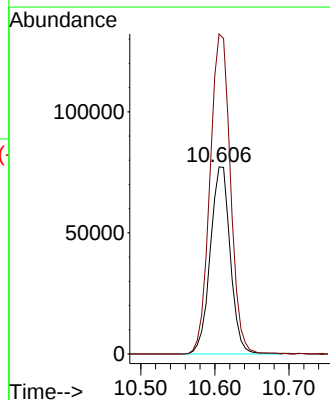
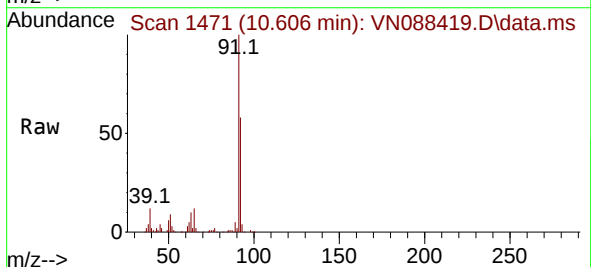
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

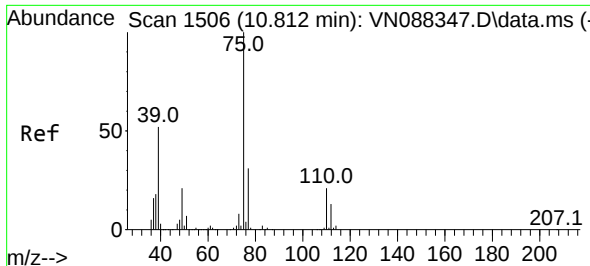
Tgt Ion: 43 Resp: 513300  
Ion Ratio Lower Upper  
43 100  
58 35.8 29.1 43.7



#52  
Toluene  
Concen: 20.863 ug/l  
RT: 10.606 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 92 Resp: 144540  
Ion Ratio Lower Upper  
92 100  
91 175.6 140.2 210.2

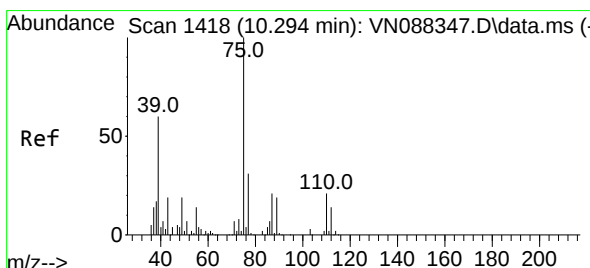
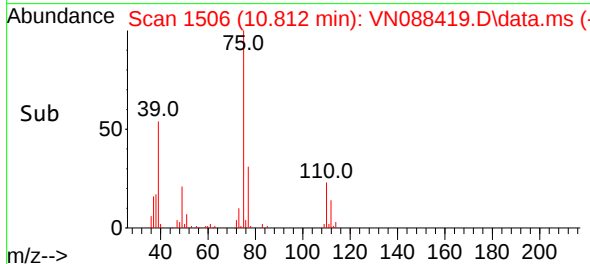
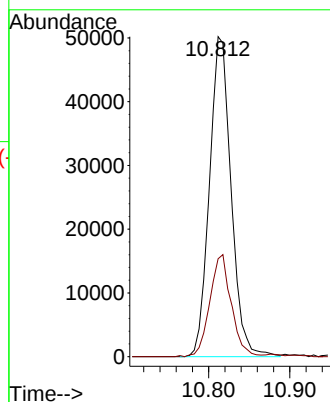
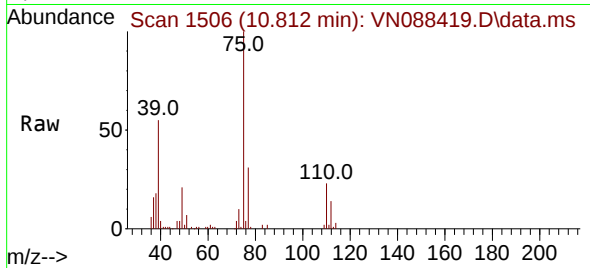




#53  
t-1,3-Dichloropropene  
Concen: 20.253 ug/l  
RT: 10.812 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

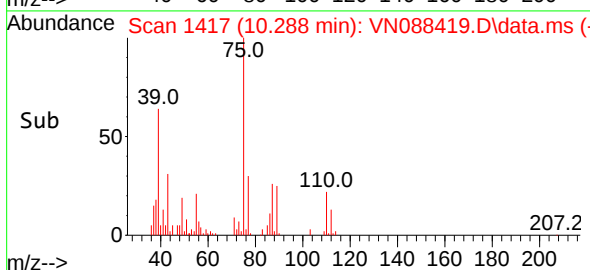
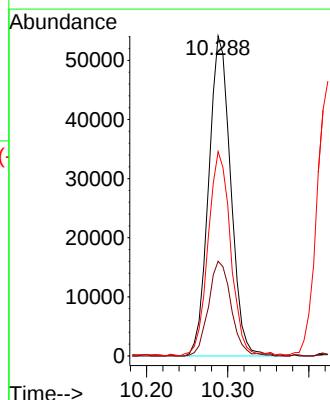
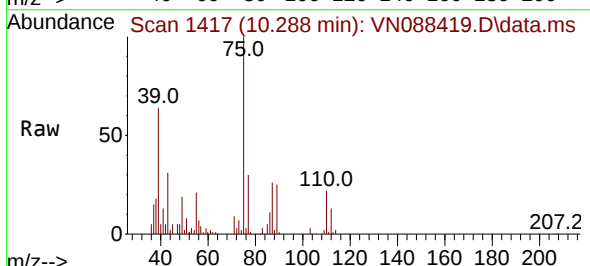
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

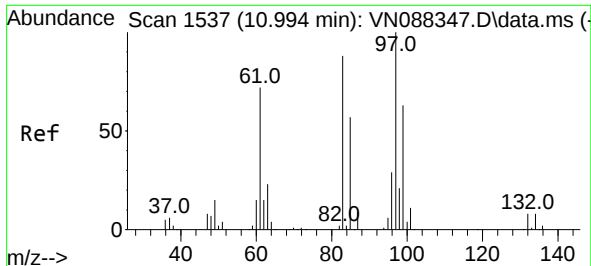
Tgt Ion: 75 Resp: 93059  
Ion Ratio Lower Upper  
75 100  
77 30.2 24.8 37.2



#54  
cis-1,3-Dichloropropene  
Concen: 21.091 ug/l  
RT: 10.288 min Scan# 1417  
Delta R.T. -0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 75 Resp: 101913  
Ion Ratio Lower Upper  
75 100  
77 29.6 24.5 36.7  
39 63.8 48.3 72.5

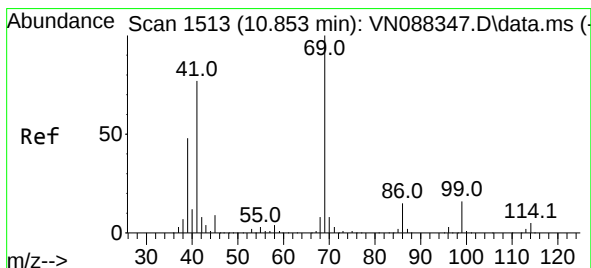
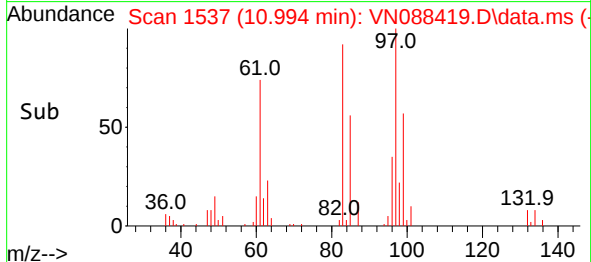
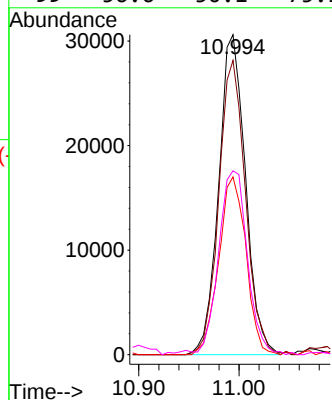
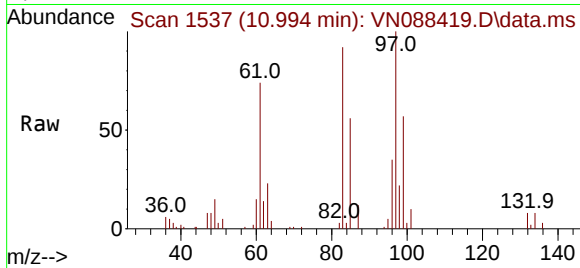




#55  
1,1,2-Trichloroethane  
Concen: 21.097 ug/l  
RT: 10.994 min Scan# 1537  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

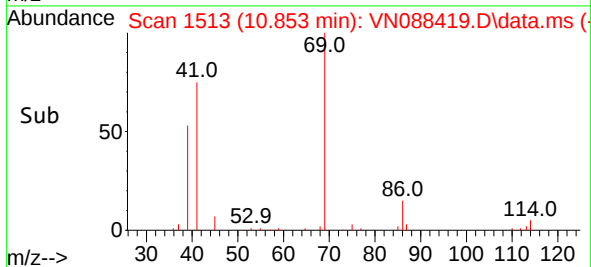
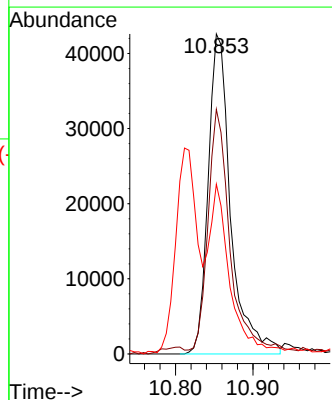
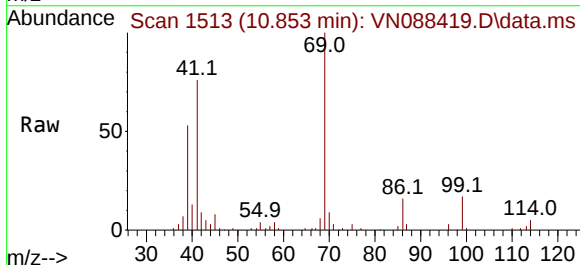
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

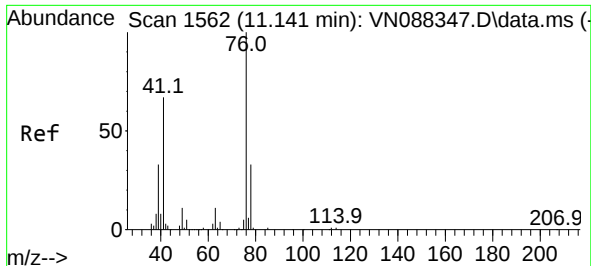
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 56551 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.9  | 70.4  | 105.6 |
| 85       | 55.6  | 45.4  | 68.2  |
| 99       | 56.6  | 50.1  | 75.1  |



#56  
Ethyl methacrylate  
Concen: 20.366 ug/l  
RT: 10.853 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 86232 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 73.9  | 59.6  | 89.4  |
| 39       | 47.0  | 36.4  | 54.6  |





#57

1,3-Dichloropropane

Concen: 21.171 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

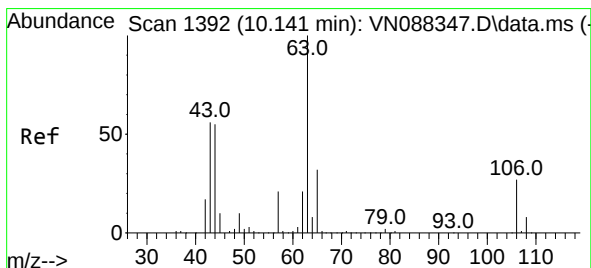
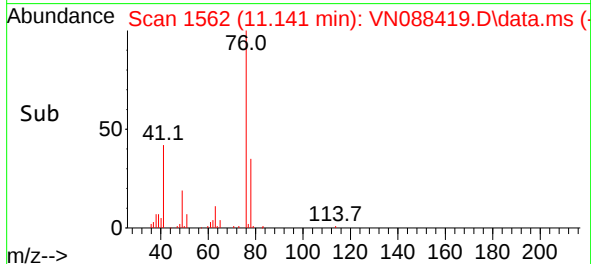
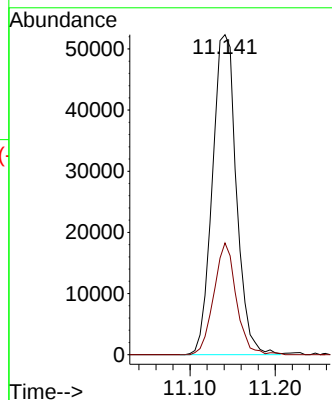
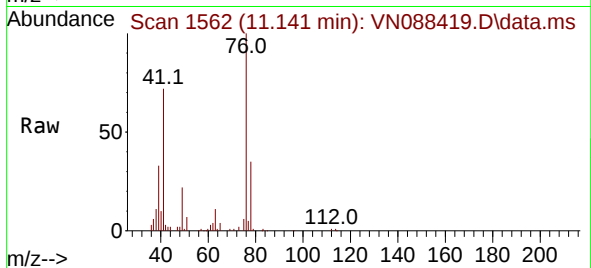
VN1203WBS01

Tgt Ion: 76 Resp: 102375

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.257 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088419.D

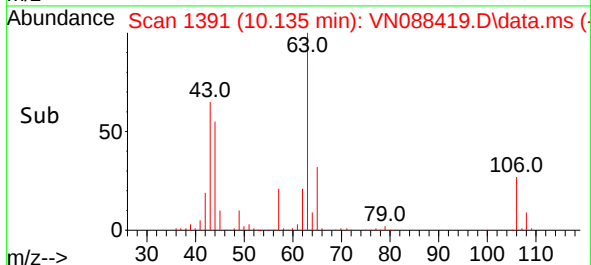
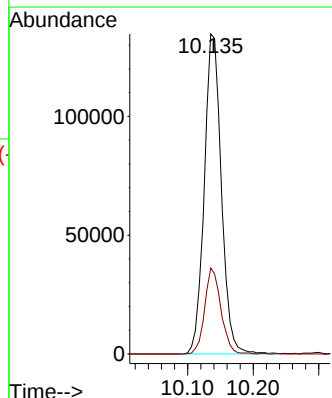
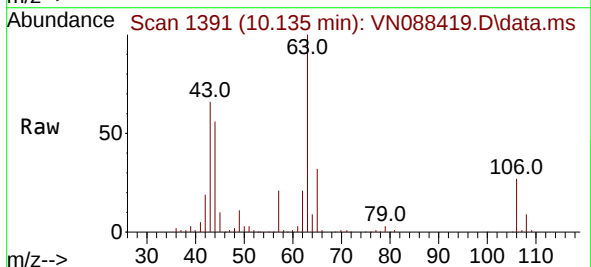
Acq: 03 Dec 2025 11:38

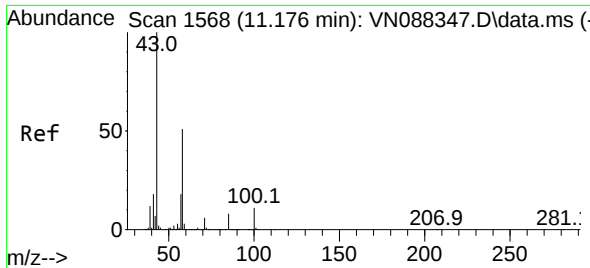
Tgt Ion: 63 Resp: 244731

Ion Ratio Lower Upper

63 100

106 25.4 20.5 30.7

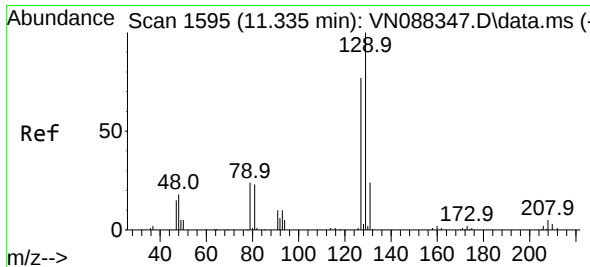
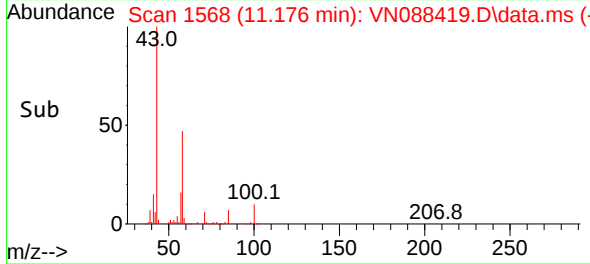
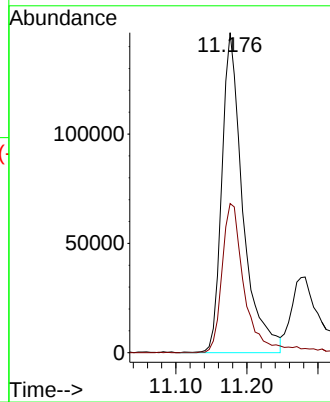
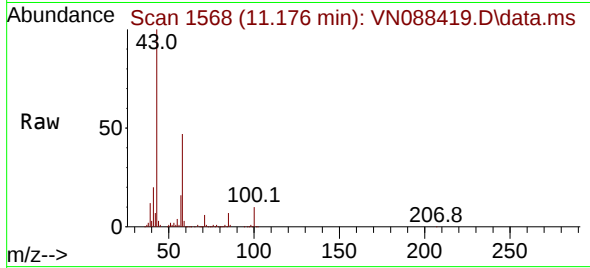




#59  
2-Hexanone  
Concen: 98.319 ug/l  
RT: 11.176 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

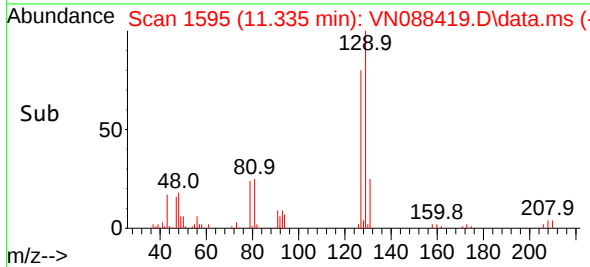
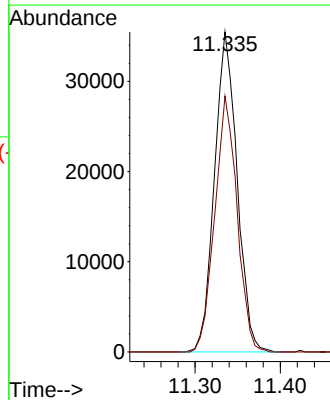
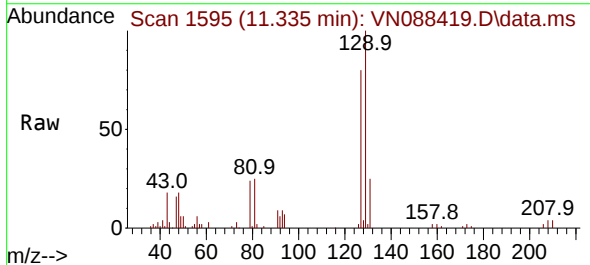
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

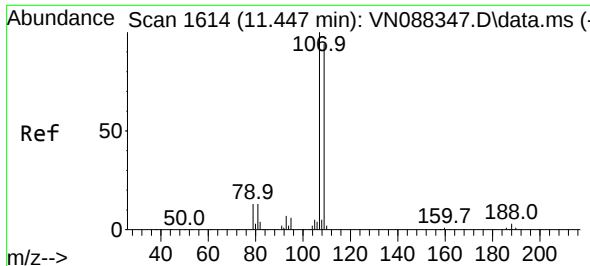
Tgt Ion: 43 Resp: 299829  
Ion Ratio Lower Upper  
43 100  
58 50.8 25.3 75.9



#60  
Dibromochloromethane  
Concen: 21.415 ug/l  
RT: 11.335 min Scan# 1595  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion:129 Resp: 65438  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.2 114.6

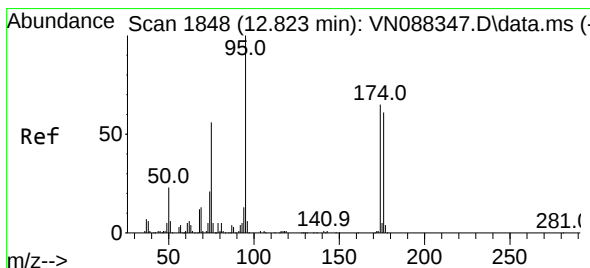
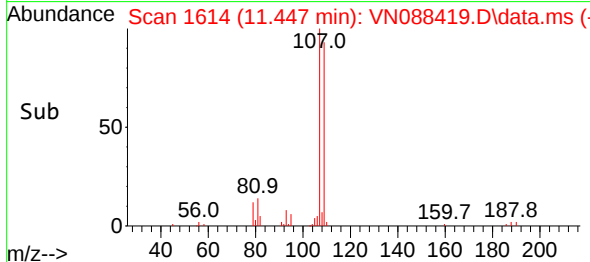
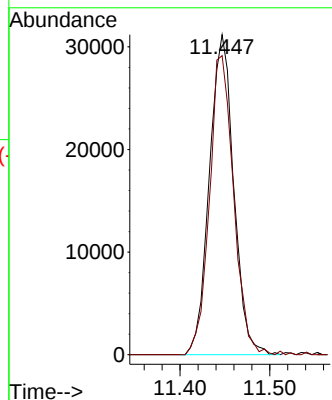
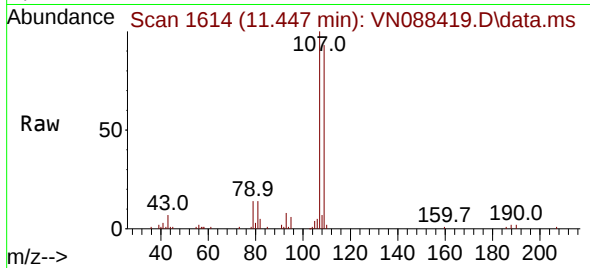




#61  
1,2-Dibromoethane  
Concen: 21.619 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

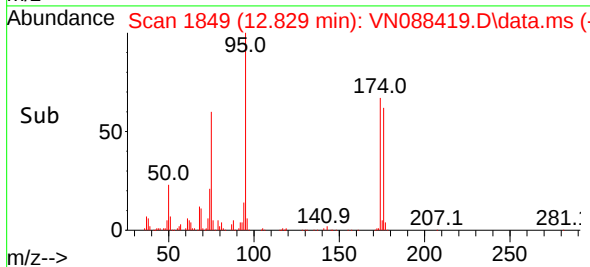
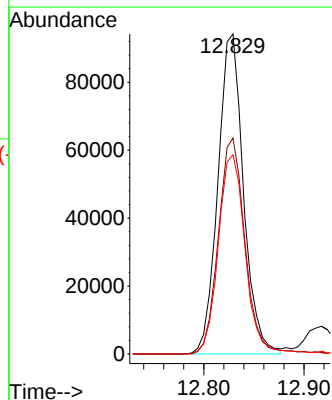
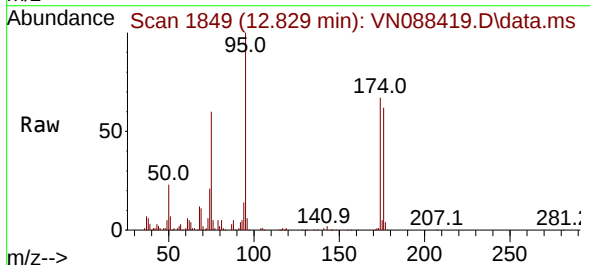
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

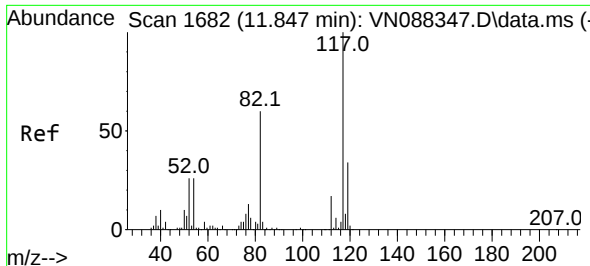
Tgt Ion:107 Resp: 58683  
Ion Ratio Lower Upper  
107 100  
109 92.7 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 49.346 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 95 Resp: 166873  
Ion Ratio Lower Upper  
95 100  
174 70.2 0.0 139.0  
176 65.5 0.0 132.4

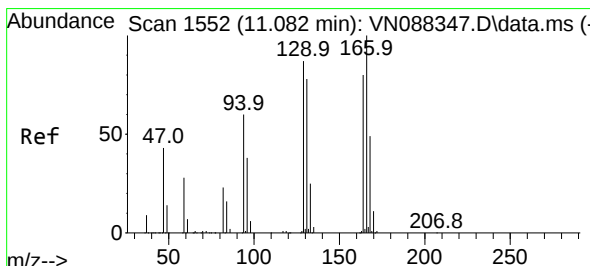
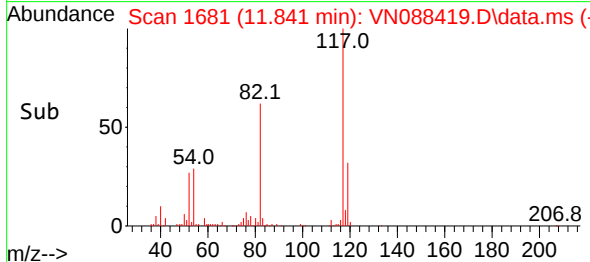
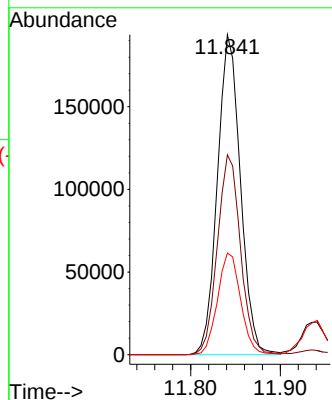
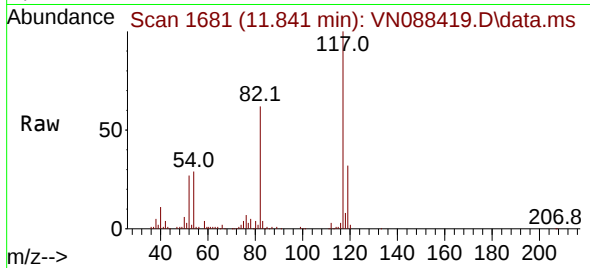




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.841 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

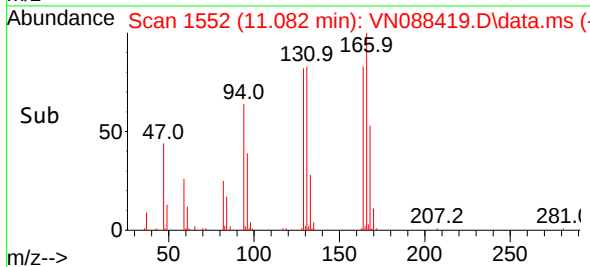
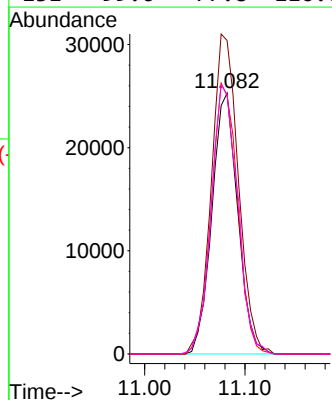
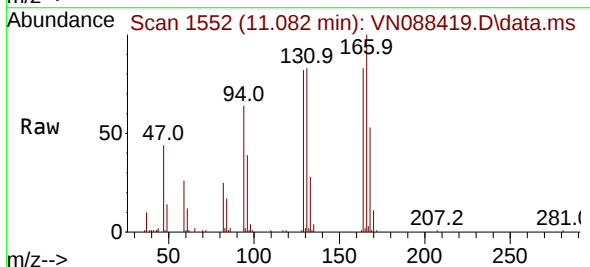
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

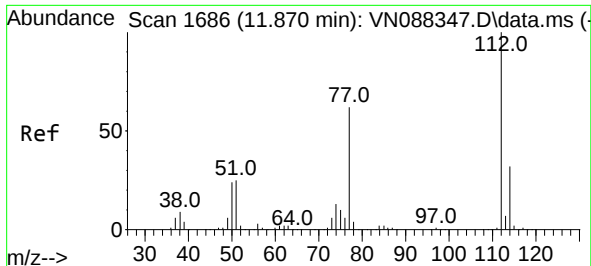
Tgt Ion:117 Resp: 345174  
Ion Ratio Lower Upper  
117 100  
82 62.5 47.8 71.8  
119 31.7 26.9 40.3



#64  
Tetrachloroethene  
Concen: 16.513 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion:164 Resp: 45186  
Ion Ratio Lower Upper  
164 100  
166 120.2 99.6 149.4  
129 98.9 86.6 129.8  
131 99.6 77.8 116.6

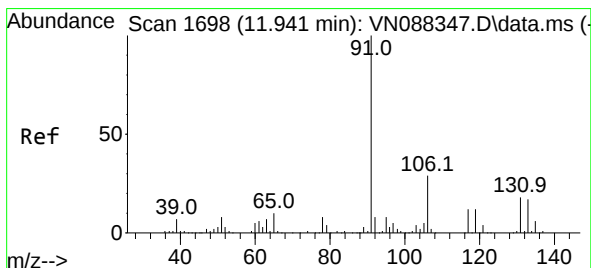
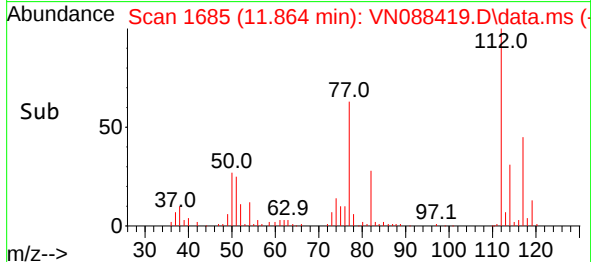
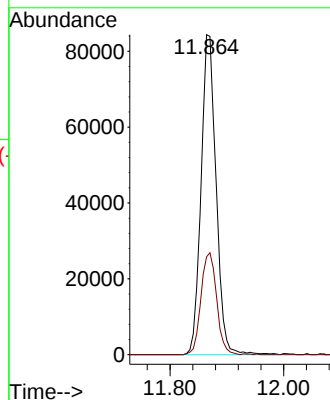
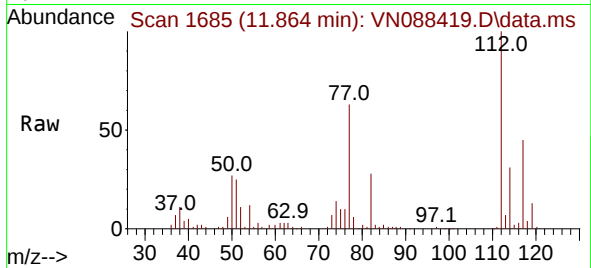




#65  
Chlorobenzene  
Concen: 20.009 ug/l  
RT: 11.864 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

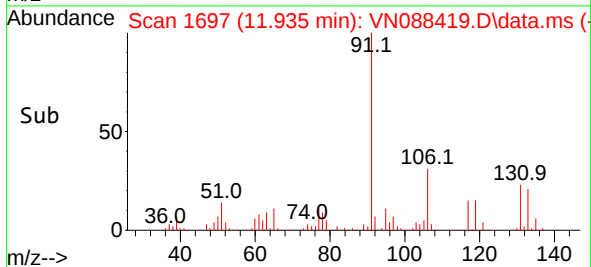
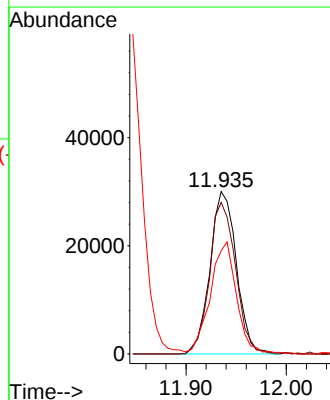
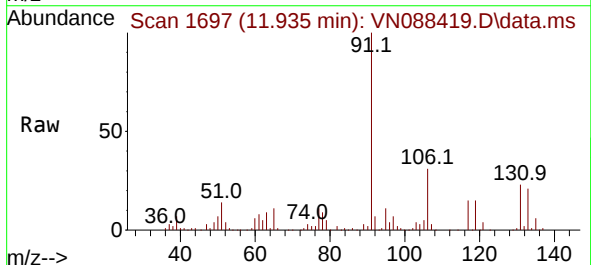
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

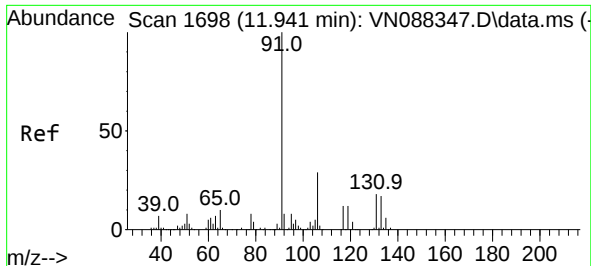
Tgt Ion:112 Resp: 155133  
Ion Ratio Lower Upper  
112 100  
114 30.6 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.985 ug/l  
RT: 11.935 min Scan# 1697  
Delta R.T. -0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion:131 Resp: 54875  
Ion Ratio Lower Upper  
131 100  
133 92.8 47.4 142.2  
119 68.9 33.4 100.1

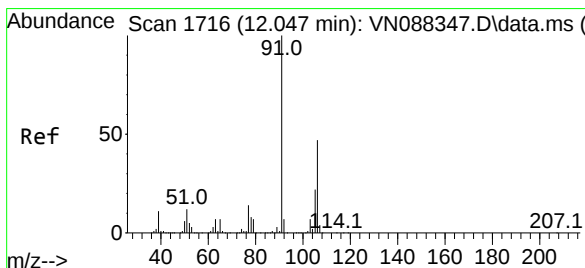
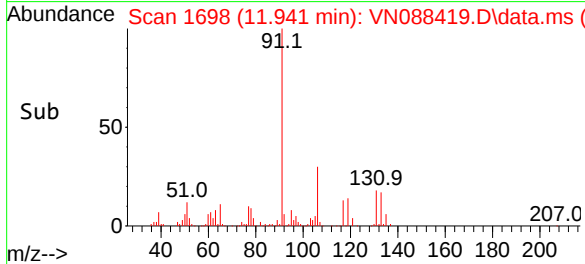
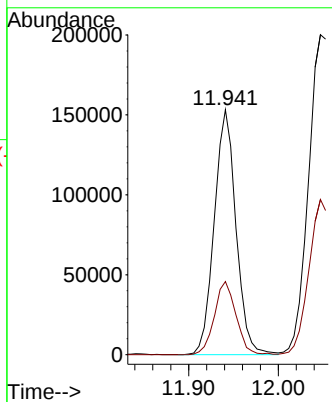
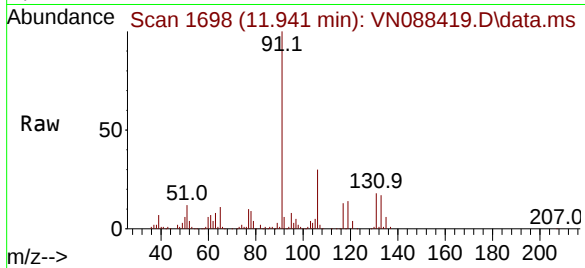




#67  
Ethyl Benzene  
Concen: 19.037 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

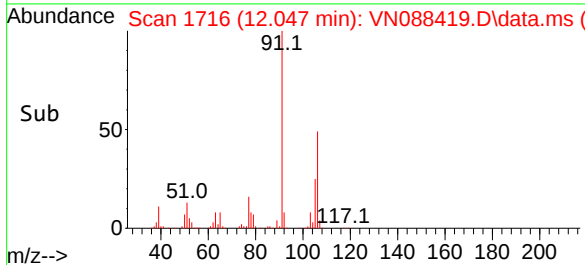
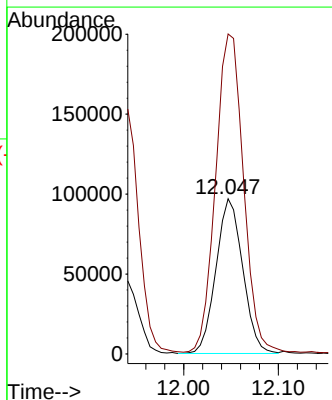
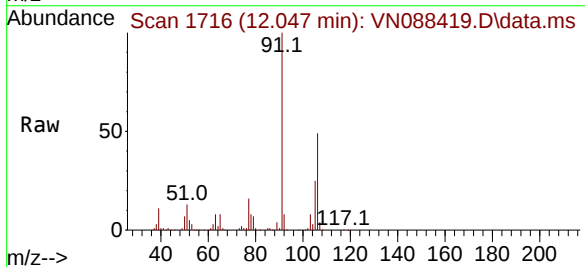
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

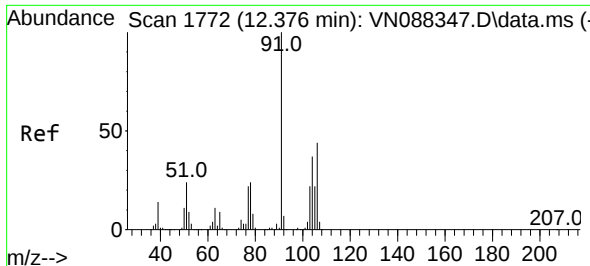
Tgt Ion: 91 Resp: 257971  
Ion Ratio Lower Upper  
91 100  
106 29.9 23.6 35.4



#68  
m/p-Xylenes  
Concen: 37.798 ug/l  
RT: 12.047 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion:106 Resp: 189907  
Ion Ratio Lower Upper  
106 100  
91 215.0 167.8 251.6

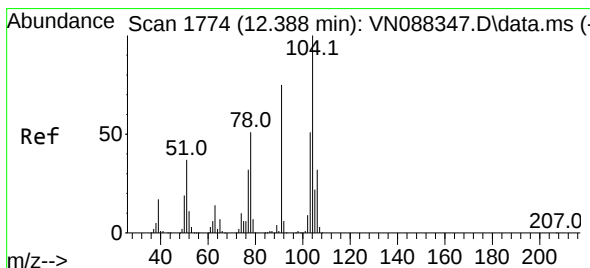
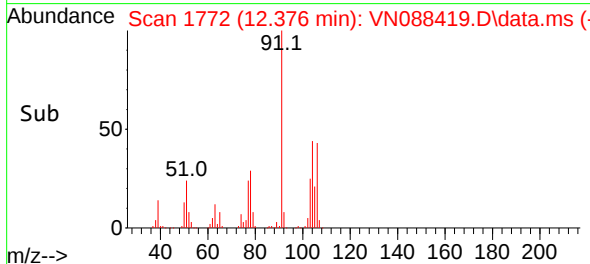
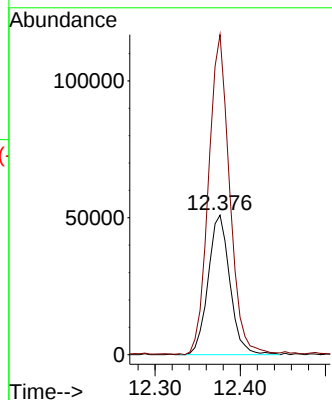
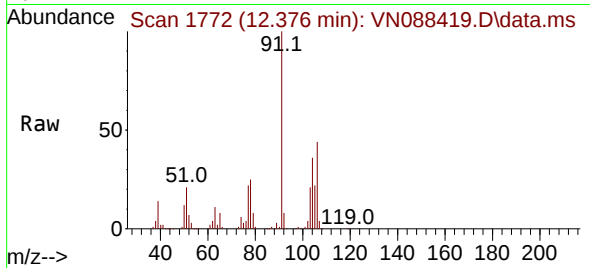




#69  
o-Xylene  
Concen: 18.895 ug/l  
RT: 12.376 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

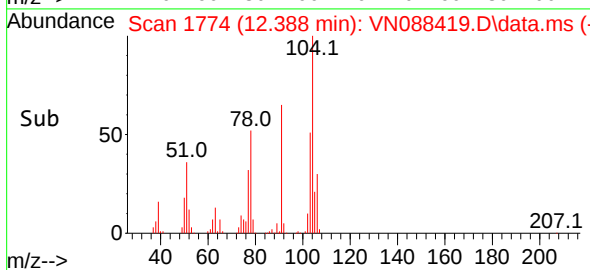
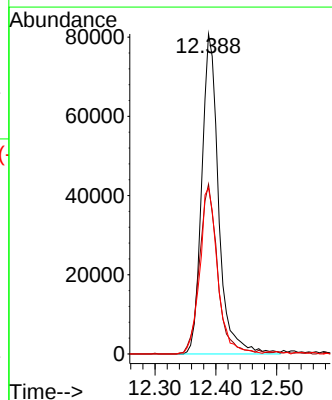
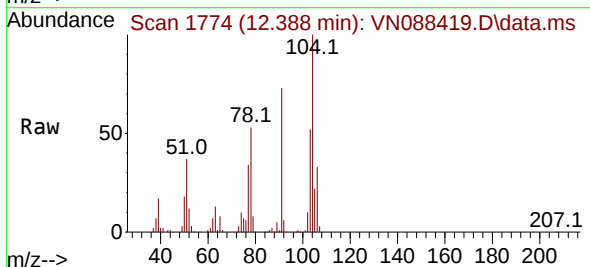
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

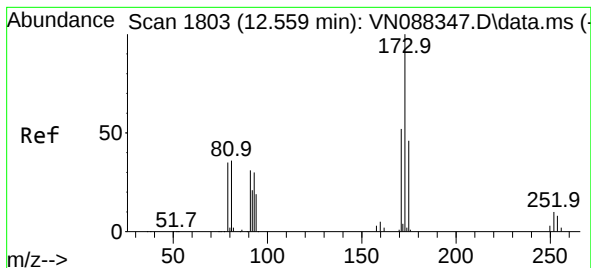
Tgt Ion:106 Resp: 90507  
Ion Ratio Lower Upper  
106 100  
91 221.6 112.9 338.7



#70  
Styrene  
Concen: 20.038 ug/l  
RT: 12.388 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion:104 Resp: 155850  
Ion Ratio Lower Upper  
104 100  
78 56.6 44.3 66.5  
103 55.1 44.2 66.4





#71

Bromoform

Concen: 20.553 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1203WBS01

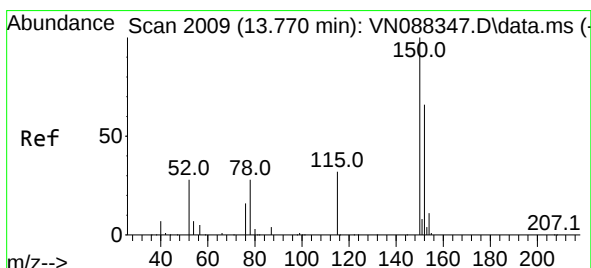
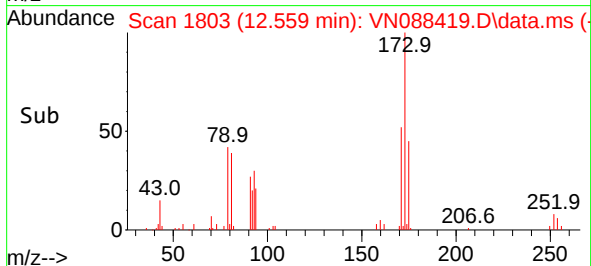
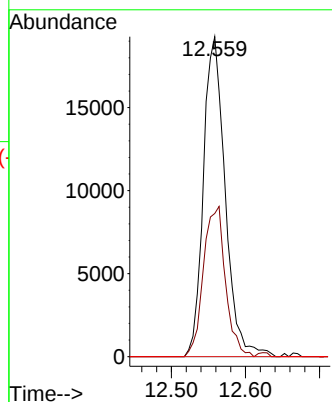
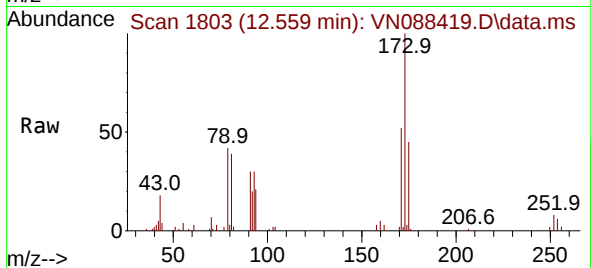
Tgt Ion:173 Resp: 39365

Ion Ratio Lower Upper

173 100

175 47.4 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

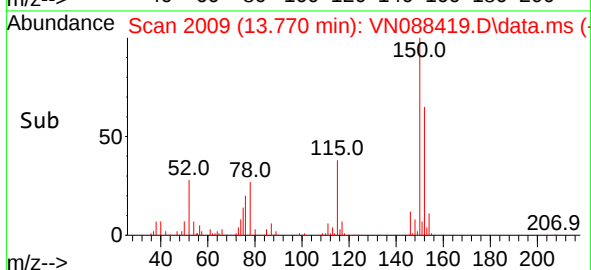
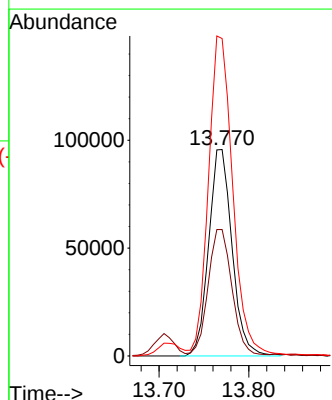
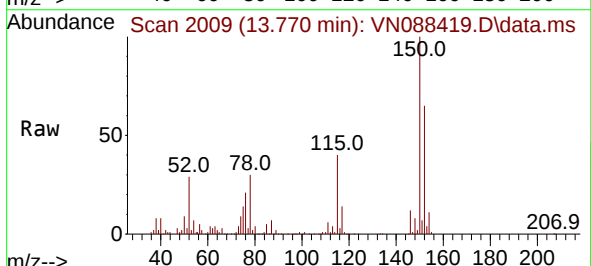
Tgt Ion:152 Resp: 173546

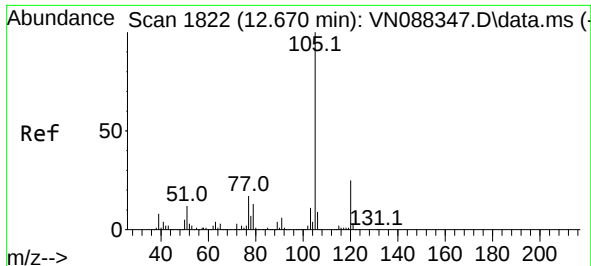
Ion Ratio Lower Upper

152 100

115 61.2 33.0 98.9

150 160.0 0.0 349.0

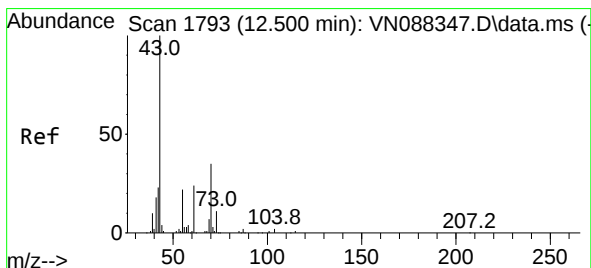
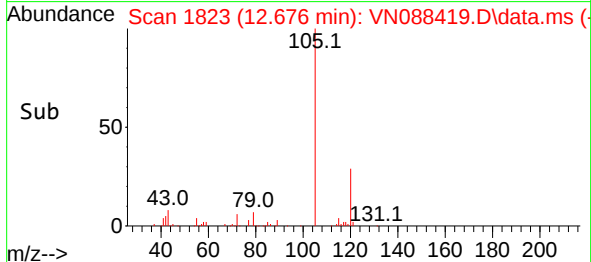
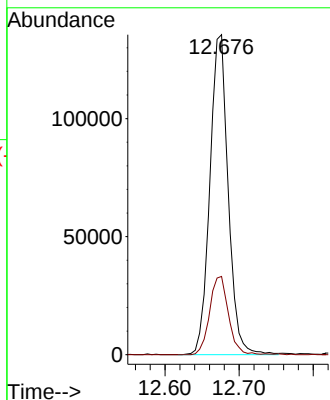
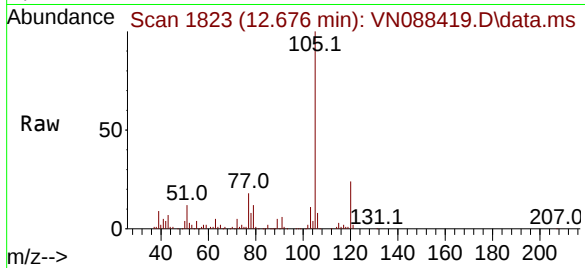




#73  
Isopropylbenzene  
Concen: 18.139 ug/l  
RT: 12.676 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

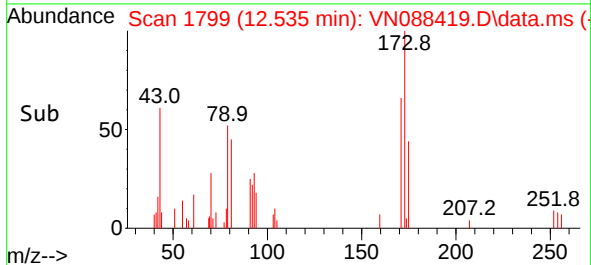
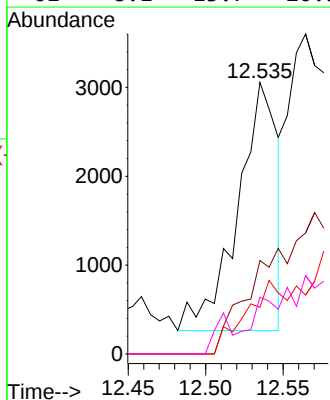
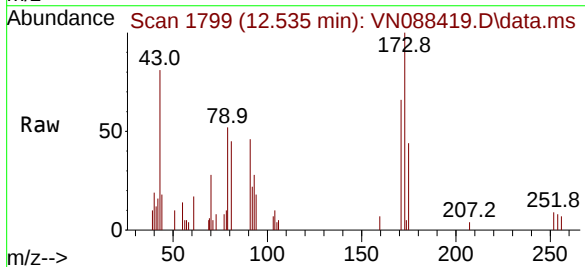
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

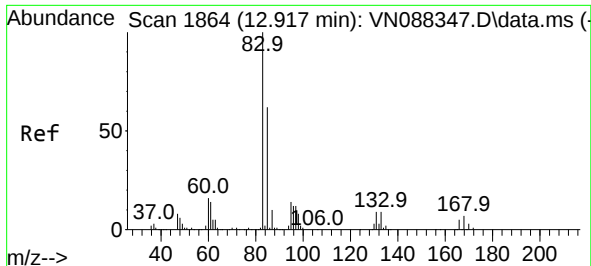
Tgt Ion:105 Resp: 232755  
Ion Ratio Lower Upper  
105 100  
120 25.0 12.8 38.3



#74  
N-ethyl acetate  
Concen: 1.139 ug/l  
RT: 12.535 min Scan# 1799  
Delta R.T. 0.035 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 43 Resp: 4979  
Ion Ratio Lower Upper  
43 100  
70 0.0 28.3 42.5#  
55 29.5 17.7 26.5#  
61 8.1 13.7 20.5#

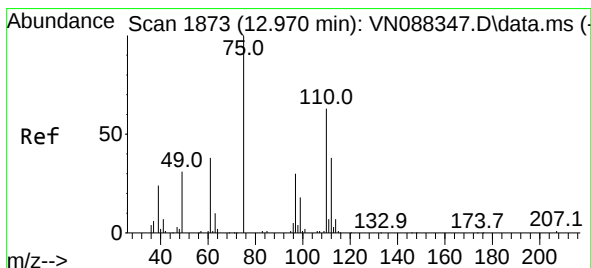
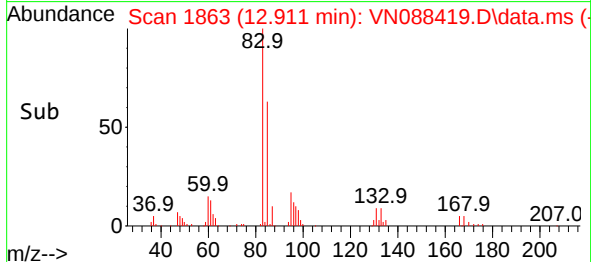
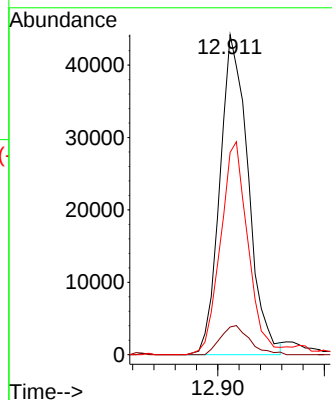
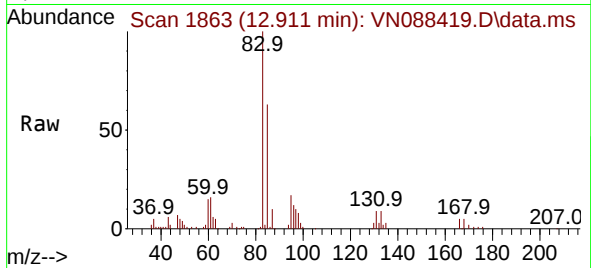




#75  
1,1,2-Tetrachloroethane  
Concen: 19.633 ug/l  
RT: 12.911 min Scan# 1863  
Delta R.T. -0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

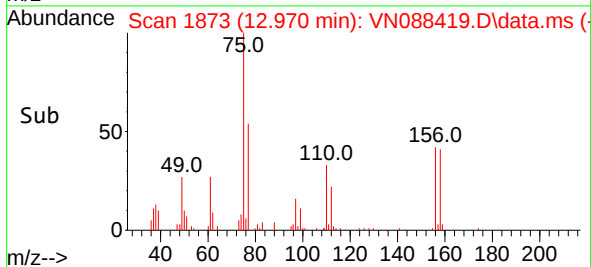
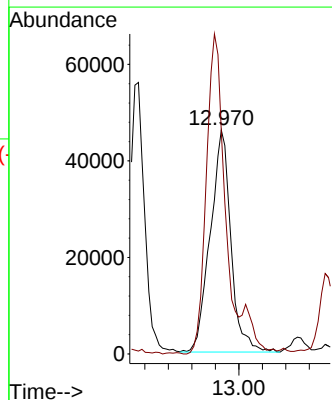
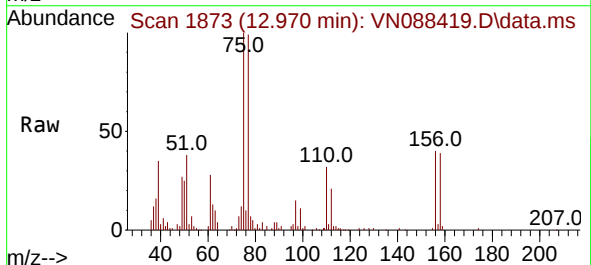
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

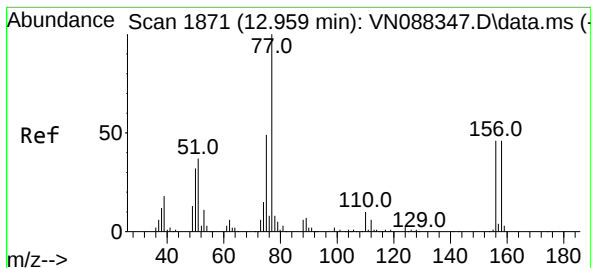
Tgt Ion: 83 Resp: 81442  
Ion Ratio Lower Upper  
83 100  
131 9.4 4.8 14.4  
85 64.6 32.1 96.5



#76  
1,2,3-Trichloropropane  
Concen: 27.705 ug/l  
RT: 12.970 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 75 Resp: 112614  
Ion Ratio Lower Upper  
75 100  
77 125.4 87.2 261.6





#77

Bromobenzene

Concen: 19.557 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1203WBS01

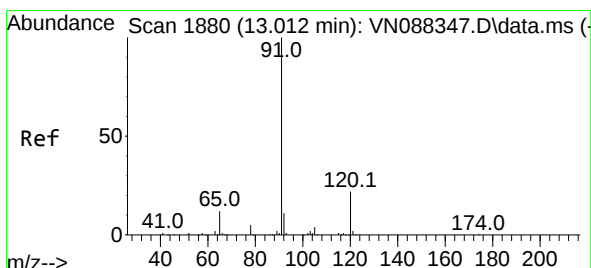
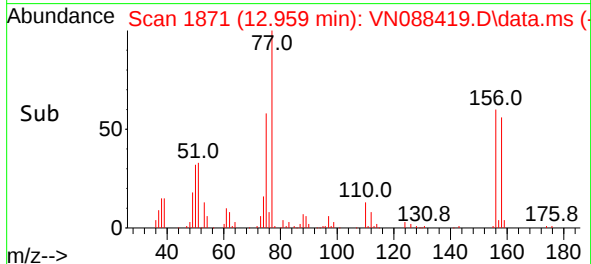
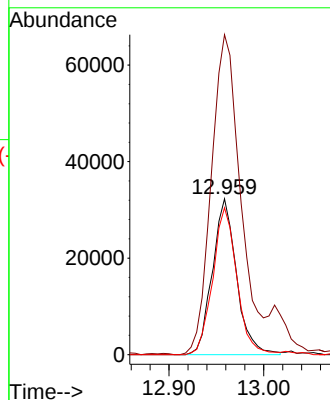
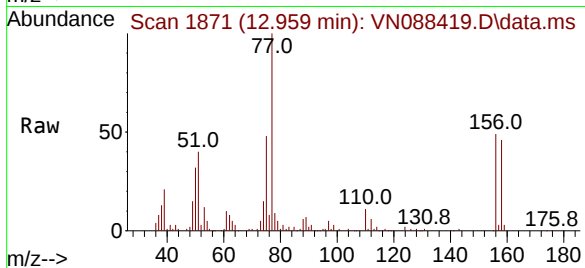
Tgt Ion:156 Resp: 57417

Ion Ratio Lower Upper

156 100

77 245.9 121.6 364.7

158 94.0 48.6 145.8



#78

n-propylbenzene

Concen: 18.463 ug/l

RT: 13.011 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088419.D

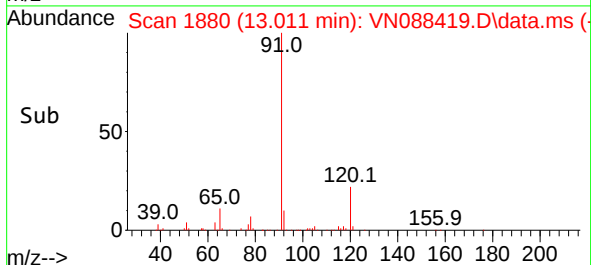
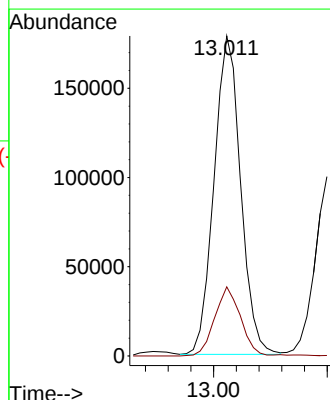
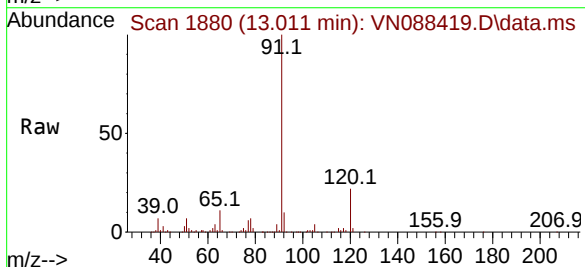
Acq: 03 Dec 2025 11:38

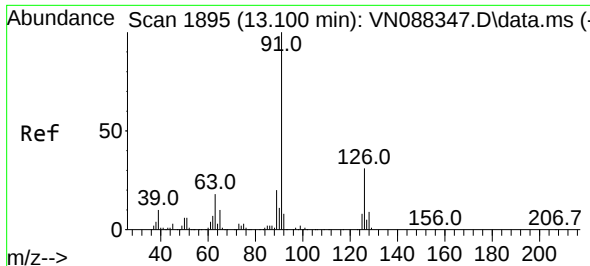
Tgt Ion: 91 Resp: 289837

Ion Ratio Lower Upper

91 100

120 21.5 10.9 32.6

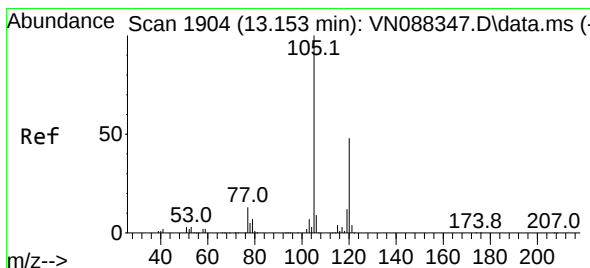
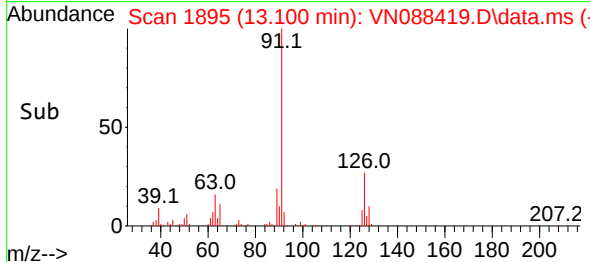
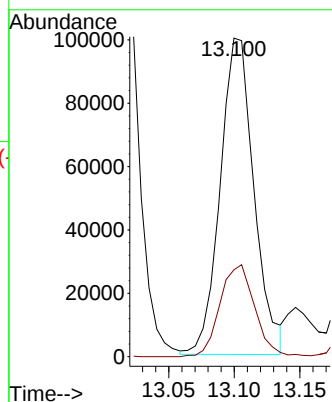
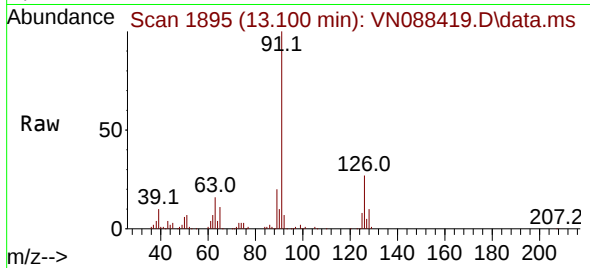




#79  
2-Chlorotoluene  
Concen: 18.692 ug/l  
RT: 13.100 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

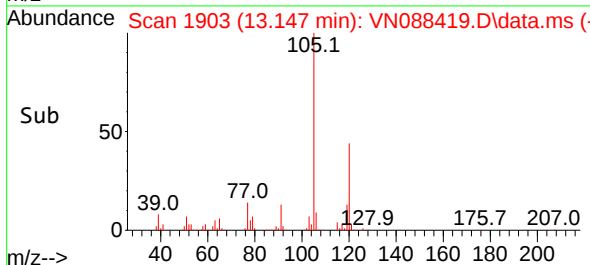
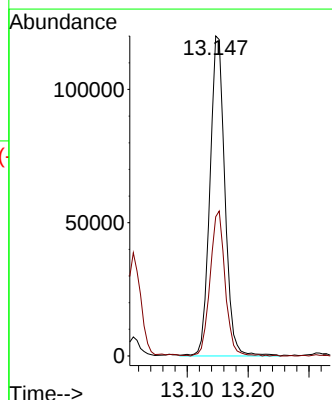
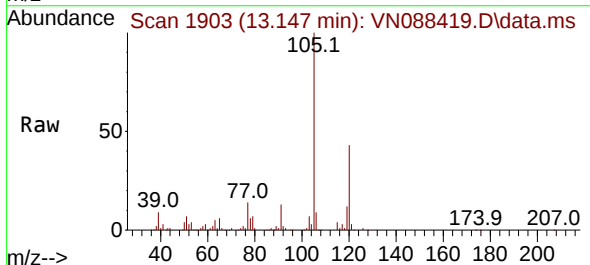
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

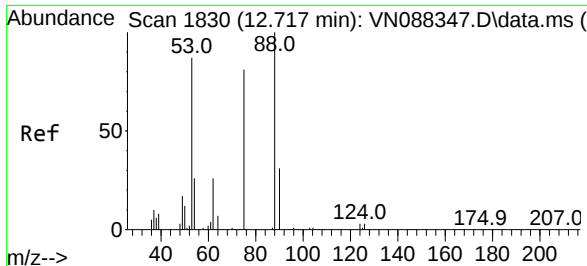
Tgt Ion: 91 Resp: 179184  
Ion Ratio Lower Upper  
91 100  
126 29.9 15.3 45.9



#80  
1,3,5-Trimethylbenzene  
Concen: 19.301 ug/l  
RT: 13.147 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion:105 Resp: 205222  
Ion Ratio Lower Upper  
105 100  
120 45.3 23.8 71.5

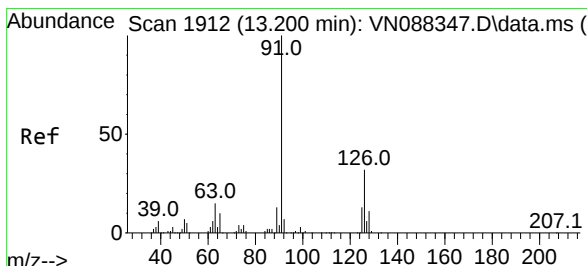
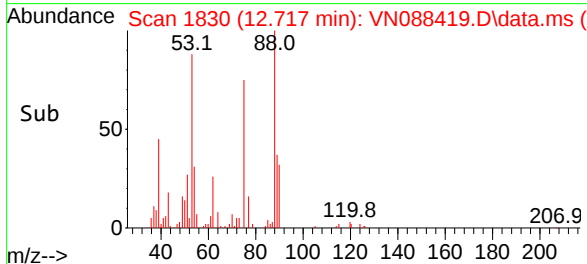
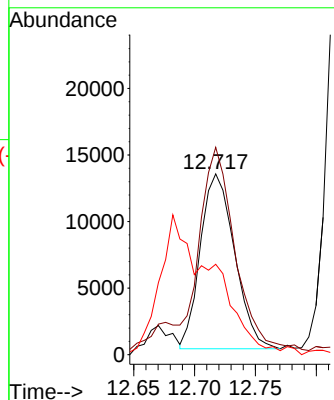
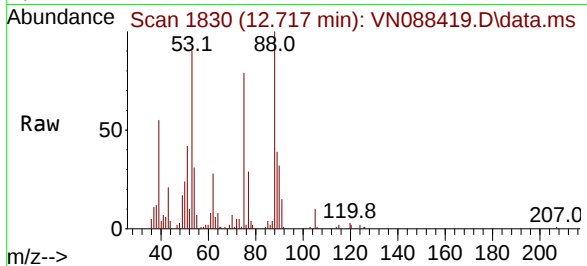




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.969 ug/l  
RT: 12.717 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

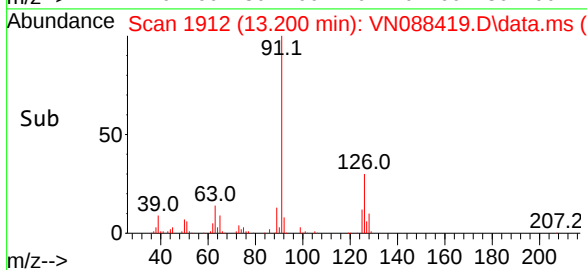
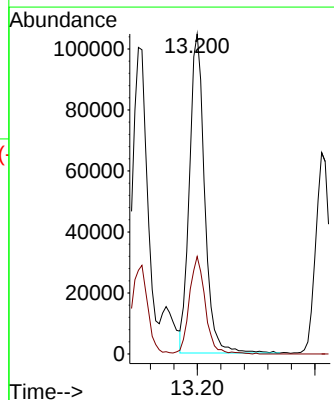
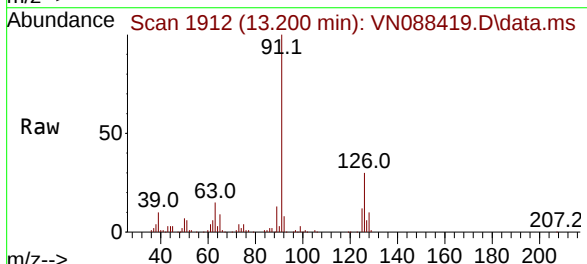
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

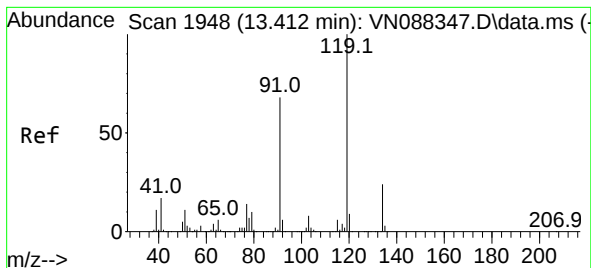
Tgt Ion: 75 Resp: 25746  
Ion Ratio Lower Upper  
75 100  
53 144.1 92.2 138.4#  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 19.723 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 91 Resp: 187794  
Ion Ratio Lower Upper  
91 100  
126 32.0 15.6 46.7





#83

tert-Butylbenzene

Concen: 17.746 ug/l

RT: 13.411 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1203WBS01

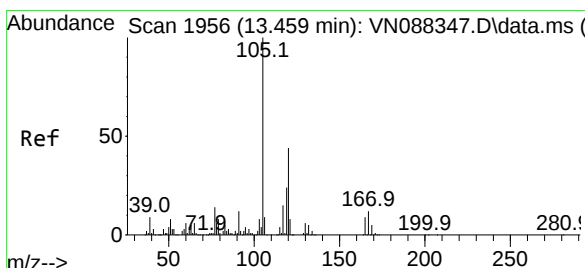
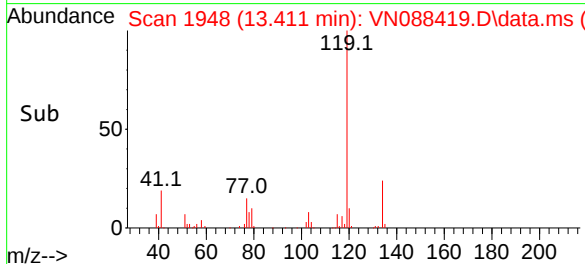
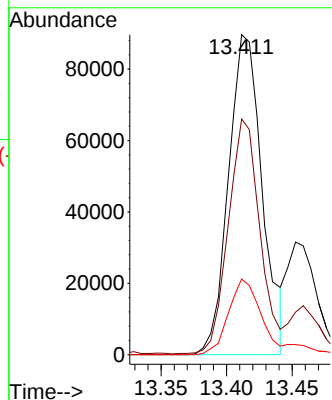
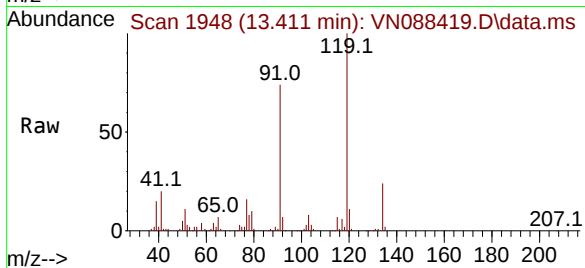
Tgt Ion:119 Resp: 160403

Ion Ratio Lower Upper

119 100

91 68.7 35.1 105.3

134 25.1 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 18.954 ug/l

RT: 13.458 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN088419.D

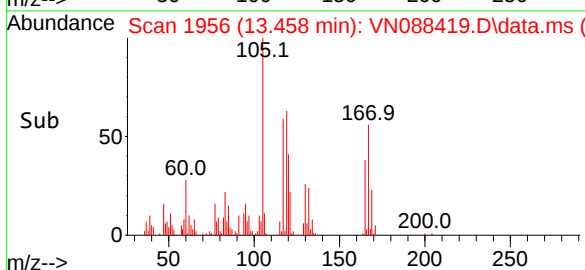
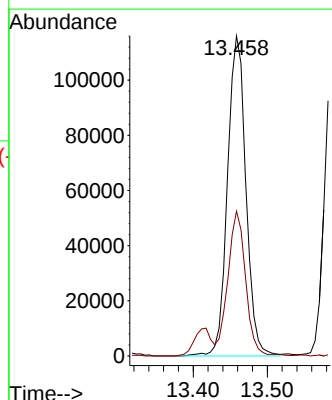
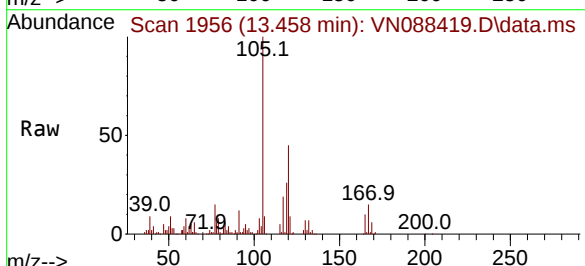
Acq: 03 Dec 2025 11:38

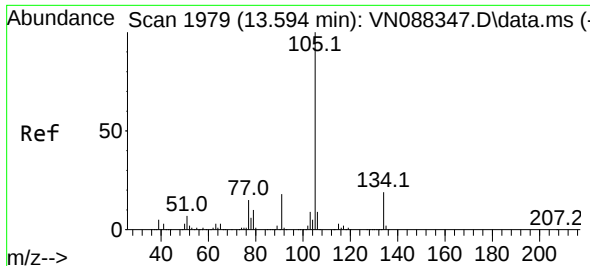
Tgt Ion:105 Resp: 200317

Ion Ratio Lower Upper

105 100

120 43.3 22.1 66.1

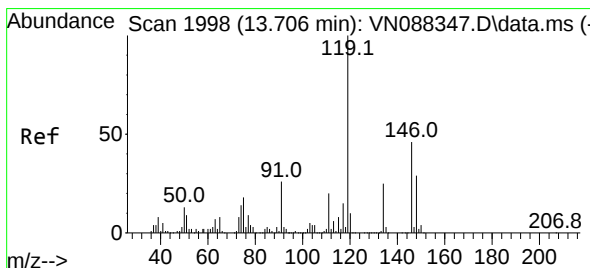
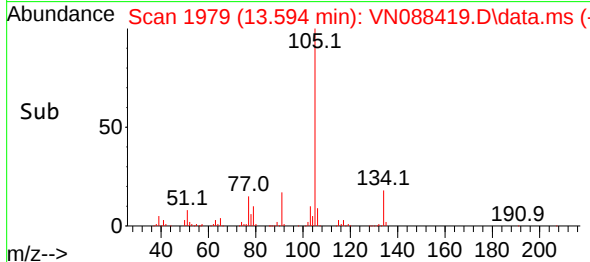
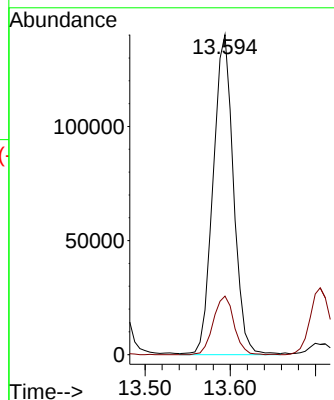
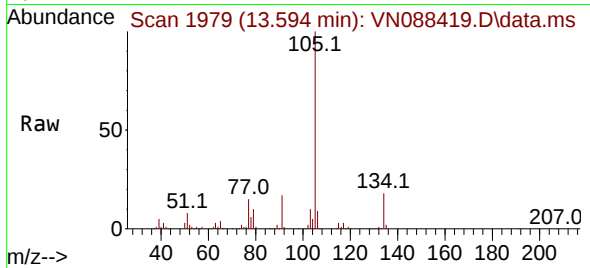




#85  
 sec-Butylbenzene  
 Concen: 17.891 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. -0.000 min  
 Lab File: VN088419.D  
 Acq: 03 Dec 2025 11:38

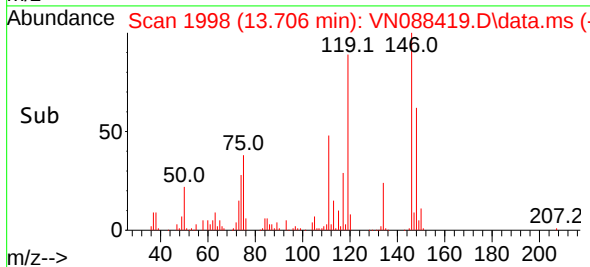
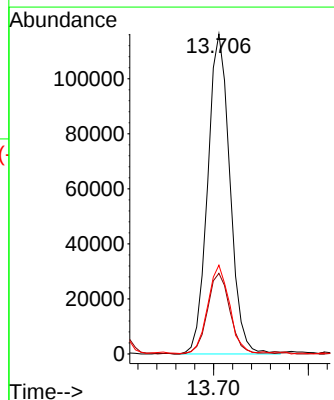
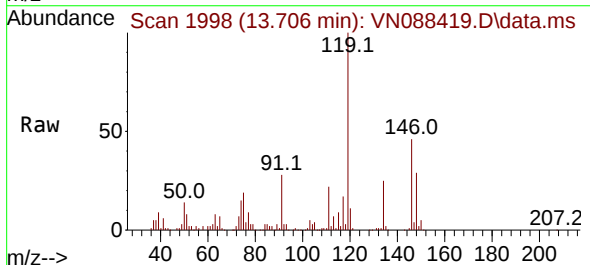
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1203WBS01

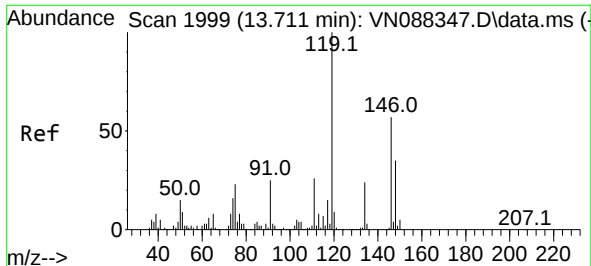
Tgt Ion:105 Resp: 232322  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 9.5 28.5



#86  
 p-Isopropyltoluene  
 Concen: 17.783 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VN088419.D  
 Acq: 03 Dec 2025 11:38

Tgt Ion:119 Resp: 189351  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 12.2 36.6  
 91 26.7 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 19.129 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1203WBS01

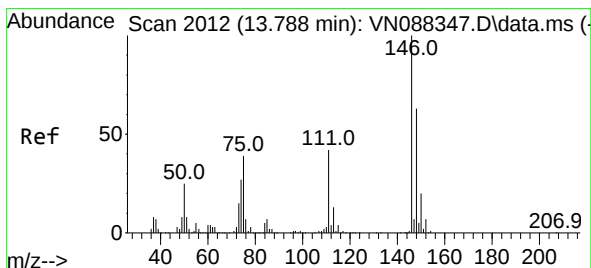
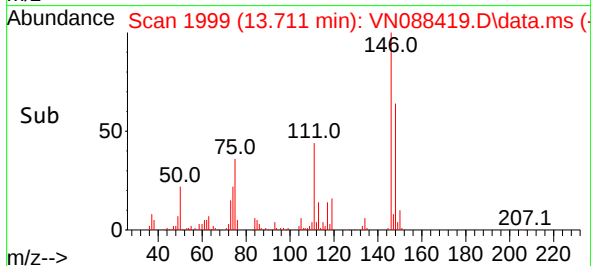
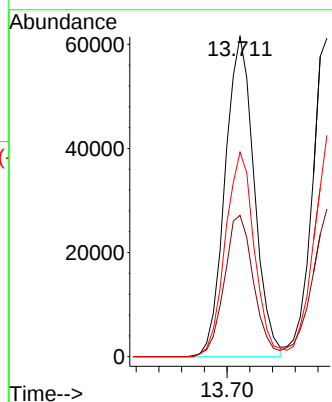
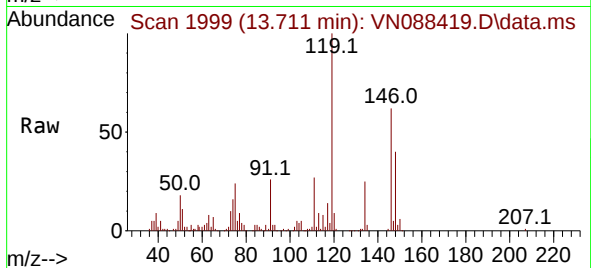
Tgt Ion:146 Resp: 109325

Ion Ratio Lower Upper

146 100

111 44.5 22.4 67.0

148 64.1 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 19.702 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

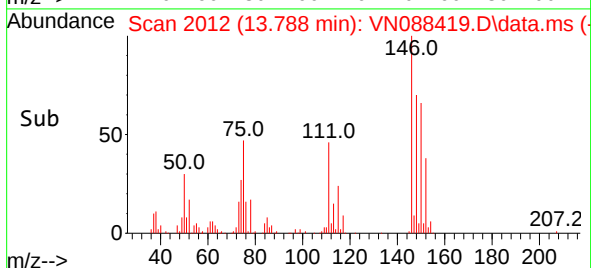
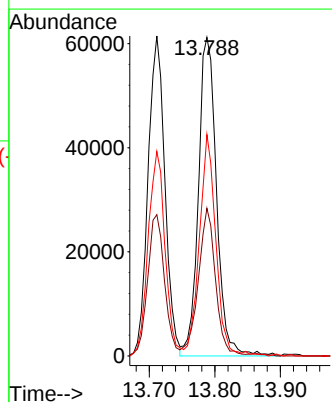
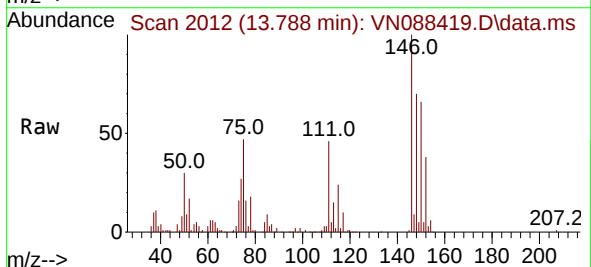
Tgt Ion:146 Resp: 117948

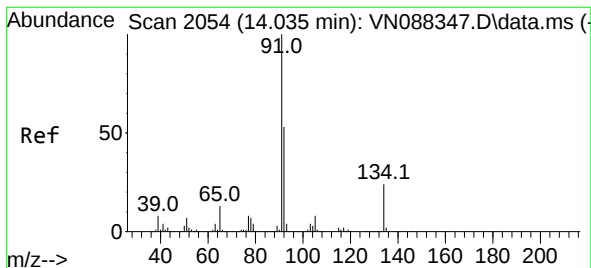
Ion Ratio Lower Upper

146 100

111 42.8 21.6 64.6

148 63.3 31.0 93.0





#89

n-Butylbenzene

Concen: 17.460 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1203WBS01

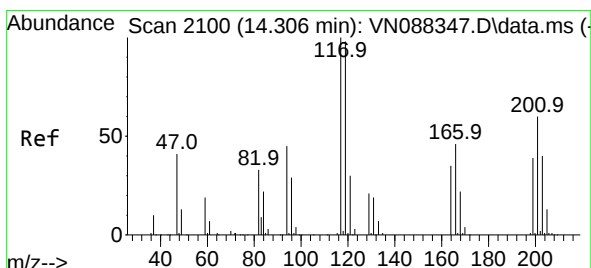
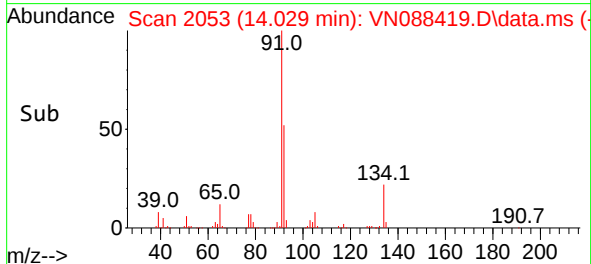
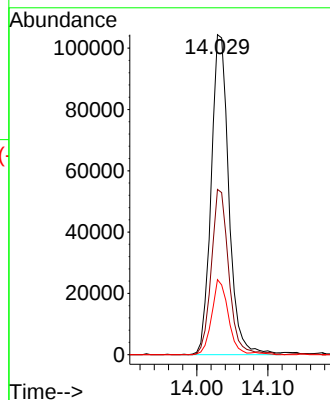
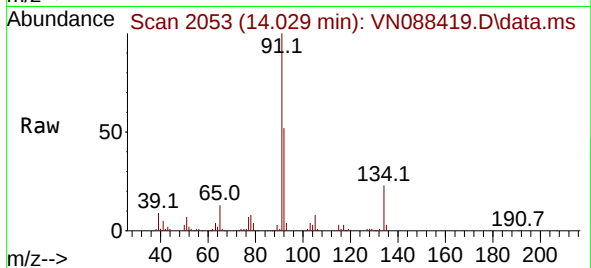
Tgt Ion: 91 Resp: 180513

Ion Ratio Lower Upper

91 100

92 51.0 26.1 78.3

134 21.8 11.7 35.1



#90

Hexachloroethane

Concen: 18.731 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. 0.006 min

Lab File: VN088419.D

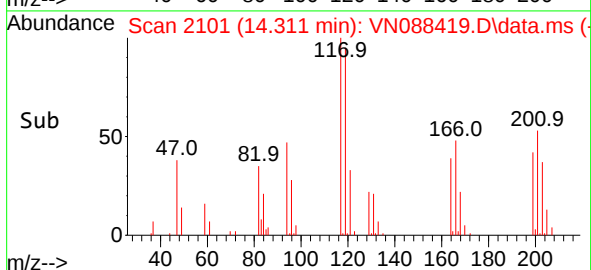
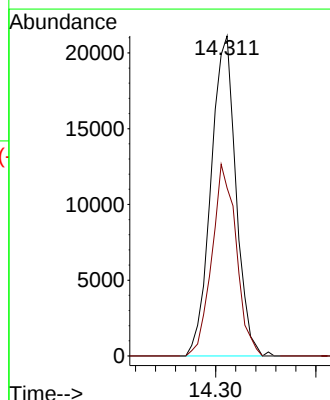
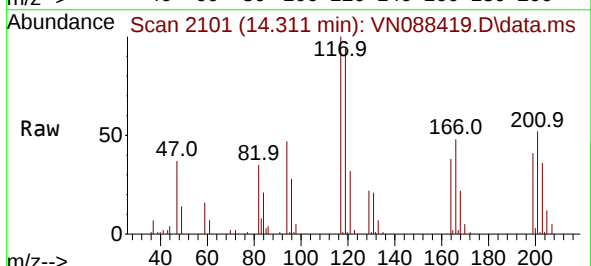
Acq: 03 Dec 2025 11:38

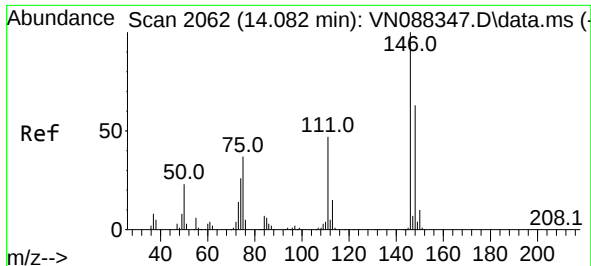
Tgt Ion: 117 Resp: 36435

Ion Ratio Lower Upper

117 100

201 58.6 30.3 90.9

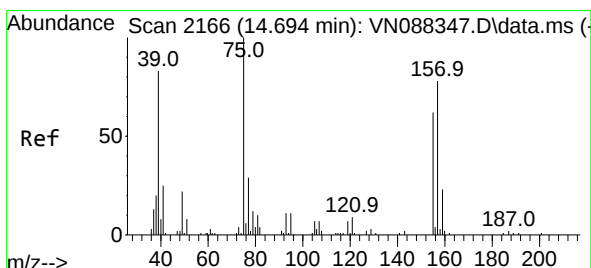
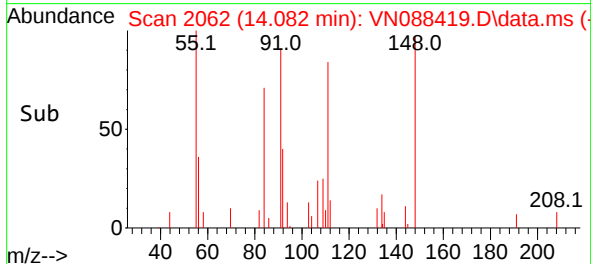
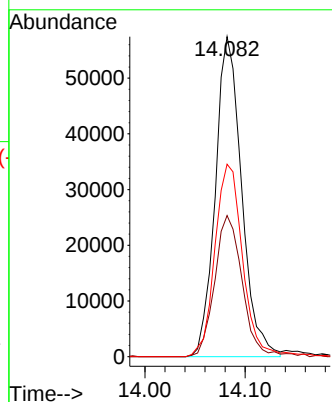
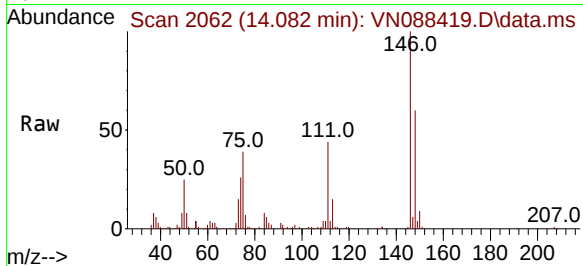




#91  
1,2-Dichlorobenzene  
Concen: 19.430 ug/l  
RT: 14.082 min Scan# 2062  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

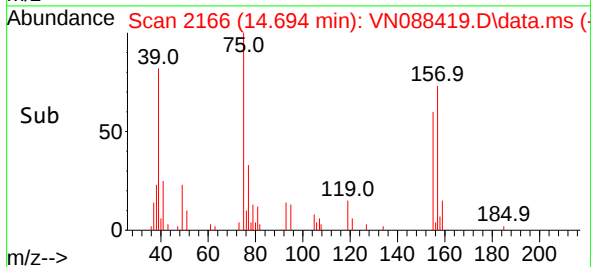
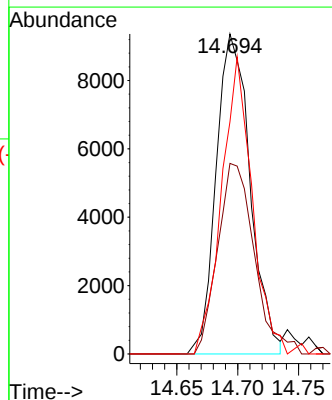
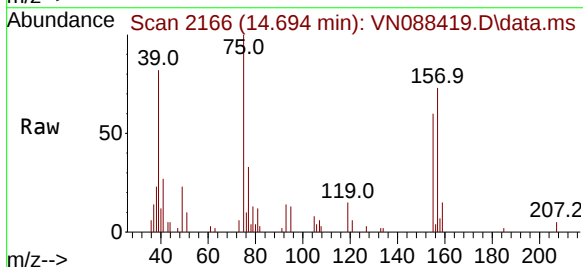
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

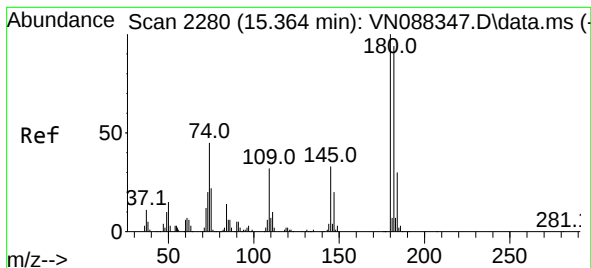
Tgt Ion:146 Resp: 104500  
Ion Ratio Lower Upper  
146 100  
111 46.5 23.3 69.9  
148 63.9 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.026 ug/l  
RT: 14.694 min Scan# 2166  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion: 75 Resp: 18143  
Ion Ratio Lower Upper  
75 100  
155 64.4 33.7 101.1  
157 83.5 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 17.595 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1203WBS01

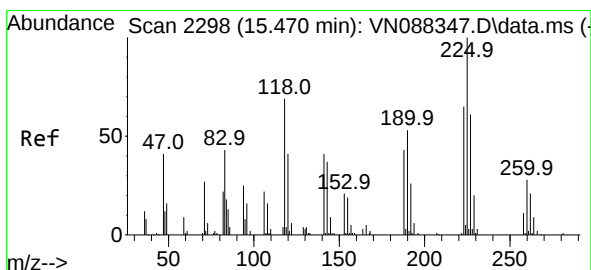
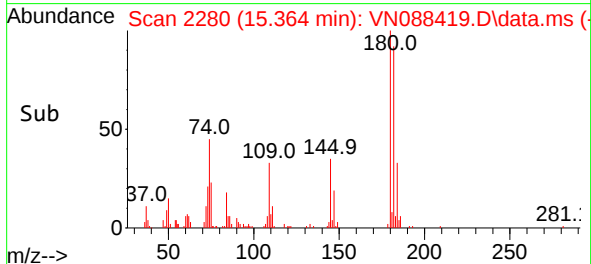
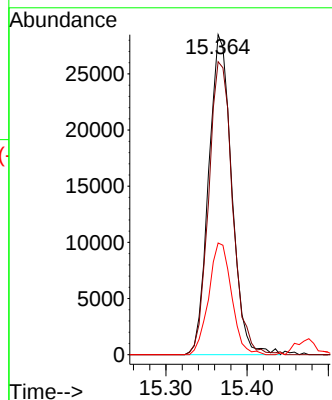
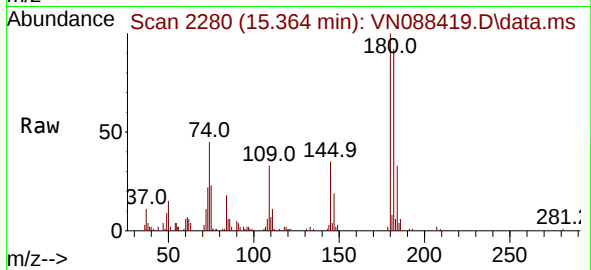
Tgt Ion:180 Resp: 56227

Ion Ratio Lower Upper

180 100

182 94.6 46.1 138.2

145 34.5 16.7 50.1



#94

Hexachlorobutadiene

Concen: 17.347 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN088419.D

Acq: 03 Dec 2025 11:38

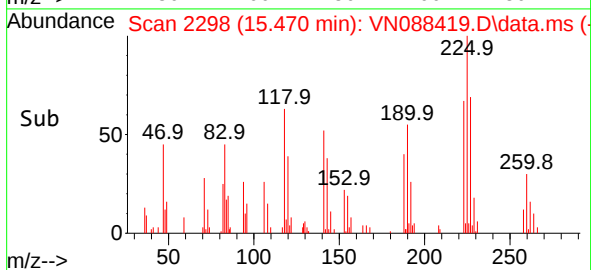
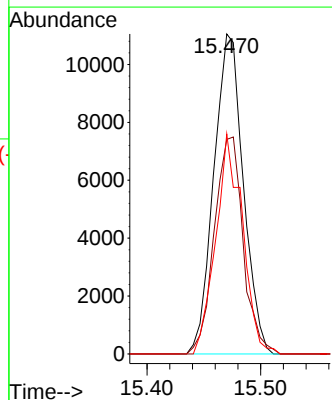
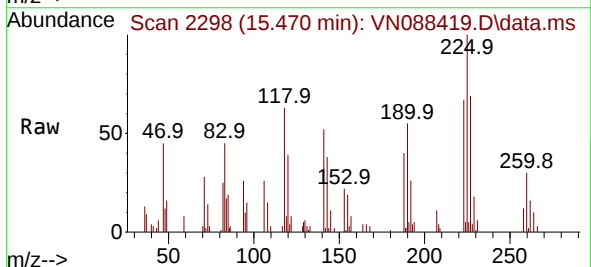
Tgt Ion:225 Resp: 19920

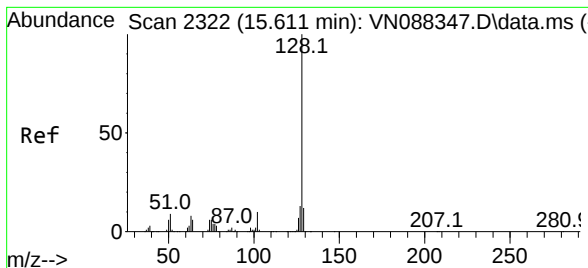
Ion Ratio Lower Upper

225 100

223 66.3 32.3 96.8

227 62.3 29.9 89.8

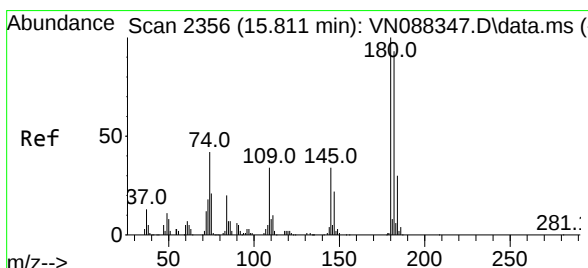
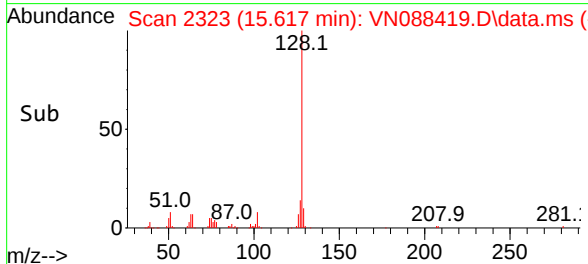
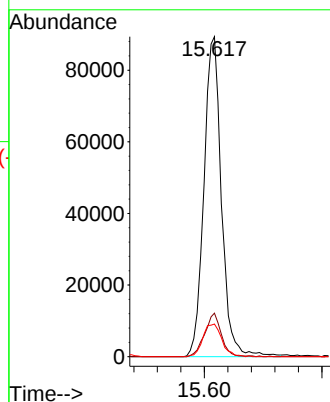
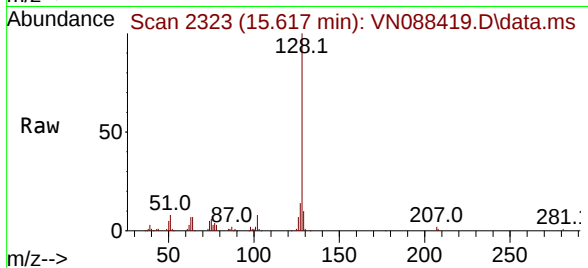




#95  
Naphthalene  
Concen: 16.723 ug/l  
RT: 15.617 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1203WBS01

Tgt Ion:128 Resp: 185176  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 11.1 9.0 13.6



#96  
1,2,3-Trichlorobenzene  
Concen: 17.469 ug/l  
RT: 15.811 min Scan# 2356  
Delta R.T. -0.000 min  
Lab File: VN088419.D  
Acq: 03 Dec 2025 11:38

Tgt Ion:180 Resp: 54328  
Ion Ratio Lower Upper  
180 100  
182 93.2 45.9 137.7  
145 35.1 17.8 53.4

