

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111724\  
 Data File : VN084888.D  
 Acq On : 17 Nov 2024 12:25  
 Operator : JC\MD  
 Sample : VN1117WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 18 00:17:39 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 31 18:45:38 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.218  | 168  | 150455   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 231435   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 206447   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 107306   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 93388    | 42.975   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 85.940%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 79576    | 50.797   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 101.600% |
| 50) Toluene-d8              | 10.565 | 98    | 264068   | 45.761   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 91.520%  |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 102125   | 47.353   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 94.700%  |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 34083  | 19.706  | ug/l   | 90  |
| 3) Chloromethane             | 2.359 | 50  | 39885  | 18.042  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.512 | 62  | 38953  | 20.939  | ug/l   | 99  |
| 5) Bromomethane              | 2.901 | 94  | 21222  | 21.531  | ug/l   | 99  |
| 6) Chloroethane              | 3.077 | 64  | 26309  | 22.068  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.477 | 101 | 64412  | 21.019  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.953 | 74  | 20486  | 18.951  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.353 | 101 | 34308  | 19.813  | ug/l # | 88  |
| 10) Methyl Iodide            | 4.577 | 142 | 46196  | 19.962  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.542 | 59  | 29075  | 101.363 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 30577  | 17.846  | ug/l   | 94  |
| 13) Acrolein                 | 4.177 | 56  | 23983  | 83.848  | ug/l   | 99  |
| 14) Allyl chloride           | 5.012 | 41  | 48374  | 17.409  | ug/l   | 92  |
| 15) Acrylonitrile            | 5.718 | 53  | 90271  | 108.709 | ug/l   | 99  |
| 16) Acetone                  | 4.430 | 43  | 62942  | 98.543  | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.700 | 76  | 82486  | 15.633  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.024 | 43  | 42881  | 15.985  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.789 | 73  | 113198 | 21.555  | ug/l   | 94  |
| 20) Methylene Chloride       | 5.271 | 84  | 38828  | 20.315  | ug/l # | 87  |
| 21) trans-1,2-Dichloroethene | 5.777 | 96  | 33592  | 19.094  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.665 | 45  | 105483 | 19.105  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.600 | 43  | 375158 | 98.531  | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.559 | 63  | 62817  | 18.950  | ug/l   | 97  |
| 25) 2-Butanone               | 7.477 | 43  | 103199 | 101.793 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 58013  | 20.108  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 38507  | 18.745  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.806 | 49  | 28273  | 21.408  | ug/l   | 88  |
| 29) Tetrahydrofuran          | 7.836 | 42  | 66707  | 99.181  | ug/l   | 94  |
| 30) Chloroform               | 7.959 | 83  | 66502  | 19.711  | ug/l   | 100 |
| 31) Cyclohexane              | 8.253 | 56  | 56986  | 18.994  | ug/l   | 88  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 65046  | 21.182  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 43734  | 20.130  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.553 | 43  | 40831  | 20.714  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 53525  | 22.041  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.600 | 83  | 48603  | 21.990  | ug/l   | 97  |
| 40) Benzene                  | 8.600 | 78  | 142106 | 20.367  | ug/l   | 96  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111724\  
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 Operator : JC\MD  
 Sample : VN1117WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 18 00:17:39 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 31 18:45:38 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 24562    | 23.171  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 49893    | 22.080  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.688  | 43   | 76047    | 20.310  | ug/l   | 99       |
| 44) Trichloroethene           | 9.347  | 130  | 32063    | 19.926  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 37373    | 22.834  | ug/l   | 95       |
| 46) Dibromomethane            | 9.706  | 93   | 25522    | 22.098  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.882  | 83   | 51947    | 21.338  | ug/l # | 98       |
| 48) Methyl methacrylate       | 9.677  | 41   | 32771    | 21.361  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 11801    | 434.092 | ug/l # | 81       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 210133   | 111.825 | ug/l   | 98       |
| 52) Toluene                   | 10.630 | 92   | 86999    | 21.320  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.829 | 75   | 51795    | 20.554  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 55571    | 20.836  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 36880    | 23.993  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 49679    | 22.344  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 63603    | 24.110  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 93465    | 89.836  | ug/l   | 96       |
| 59) 2-Hexanone                | 11.194 | 43   | 175196   | 128.087 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 42528    | 24.276  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 37554    | 23.858  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.100 | 164  | 31436    | 22.892  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.888 | 112  | 94628    | 20.488  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 35039    | 21.811  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.959 | 91   | 156771   | 20.335  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.071 | 106  | 121606   | 41.664  | ug/l   | 100      |
| 69) o-Xylene                  | 12.394 | 106  | 58729    | 21.510  | ug/l   | 100      |
| 70) Styrene                   | 12.412 | 104  | 100446   | 21.089  | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 27687    | 22.904  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.694 | 105  | 145662   | 19.371  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 61232    | 19.132  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 49874    | 19.870  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 64300    | 29.977  | ug/l   | 58       |
| 77) Bromobenzene              | 12.982 | 156  | 39504    | 19.542  | ug/l   | 93       |
| 78) n-propylbenzene           | 13.035 | 91   | 171566   | 19.470  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 112412   | 19.524  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 131903   | 21.164  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 17121    | 18.936  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 114849   | 18.954  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 106411   | 20.630  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 133805   | 20.801  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 145843   | 20.016  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 122620   | 20.520  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 71603    | 18.149  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 72663    | 19.384  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 100525   | 17.984  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 24649    | 18.497  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 71447    | 18.846  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 10291    | 20.238  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 34522    | 16.637  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 17987    | 19.739  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 110119   | 17.730  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 34606    | 17.180  | ug/l   | 99       |

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Data File : VN084888.D  
Acq On : 17 Nov 2024 12:25  
Operator : JC\MD  
Sample : VN1117WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

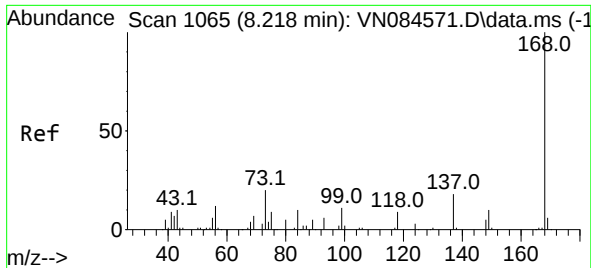
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration

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

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

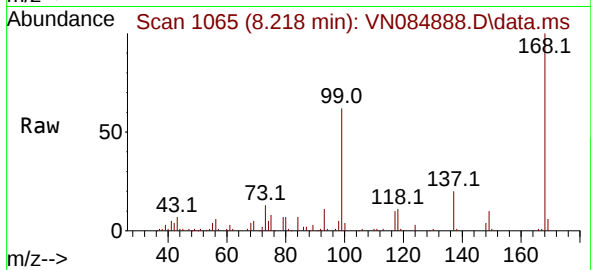
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 31 18:45:38 2024  
Response via : Initial Calibration



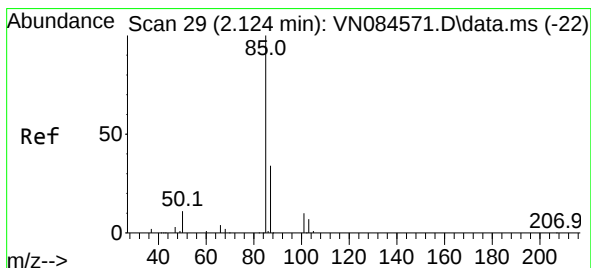
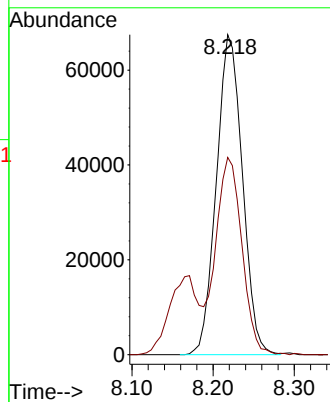
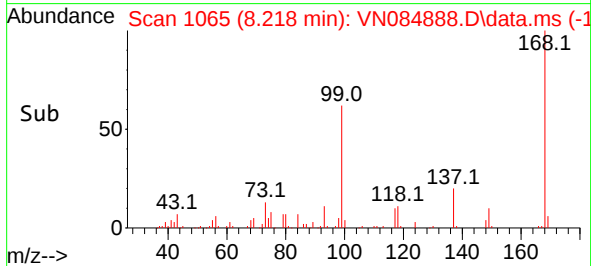


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :

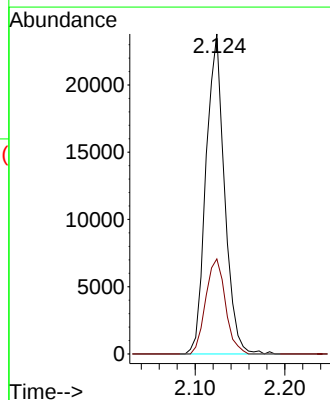
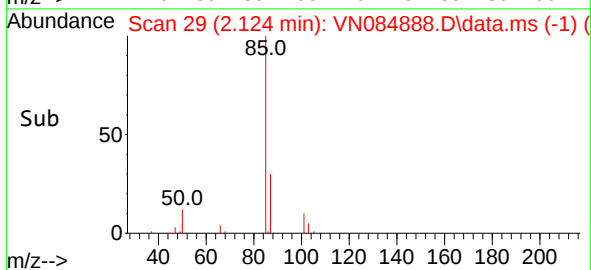
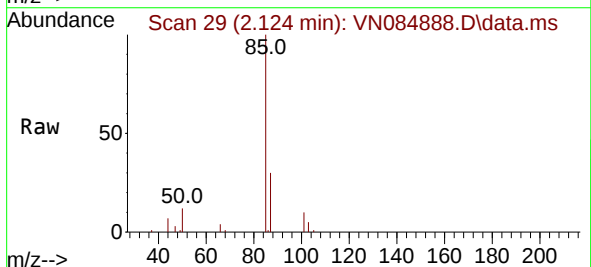


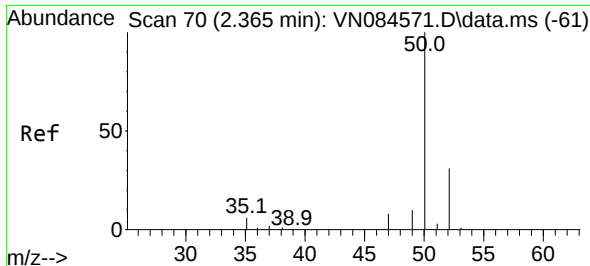
Tgt Ion:168 Resp: 150455  
Ion Ratio Lower Upper  
168 100  
99 61.2 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 19.706 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

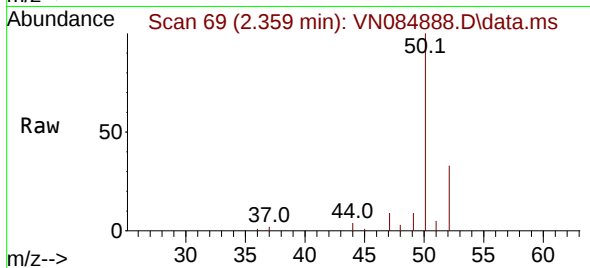
Tgt Ion: 85 Resp: 34083  
Ion Ratio Lower Upper  
85 100  
87 29.7 17.6 52.9



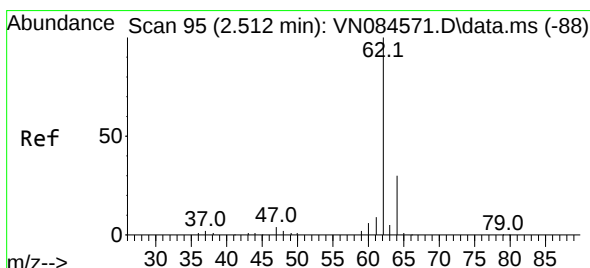
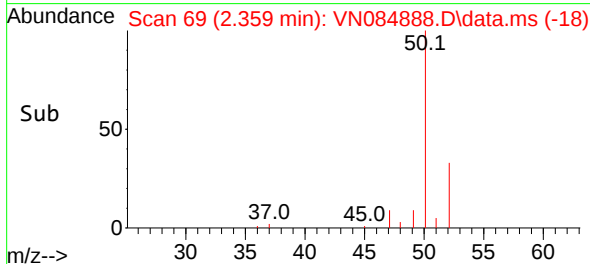
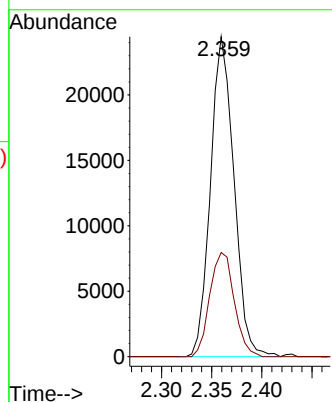


#3  
Chloromethane  
Concen: 18.042 ug/l  
RT: 2.359 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :

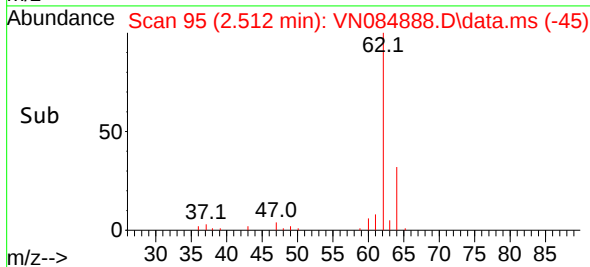
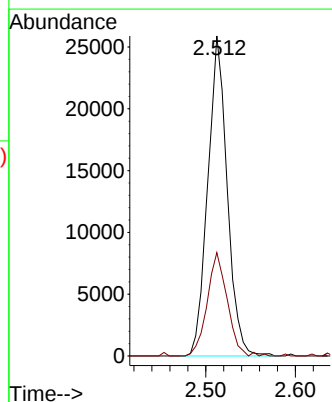
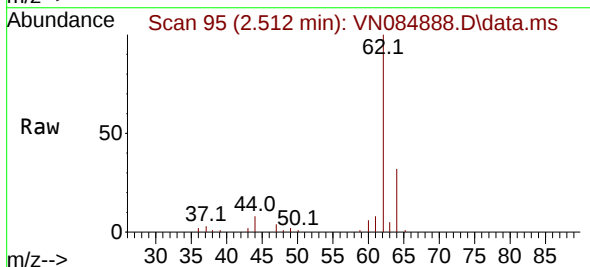


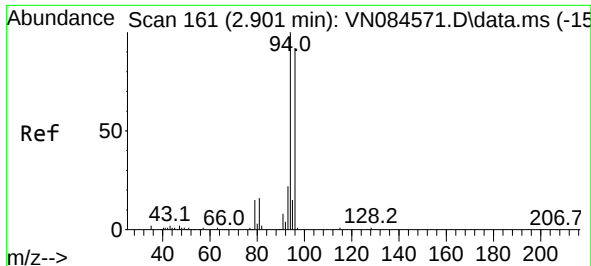
Tgt Ion: 50 Resp: 39885  
Ion Ratio Lower Upper  
50 100  
52 32.6 26.8 40.2



#4  
Vinyl Chloride  
Concen: 20.939 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 62 Resp: 38953  
Ion Ratio Lower Upper  
62 100  
64 32.3 26.2 39.4

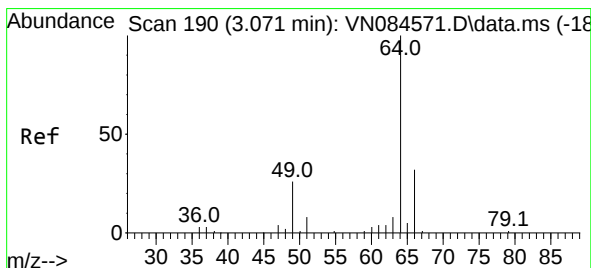
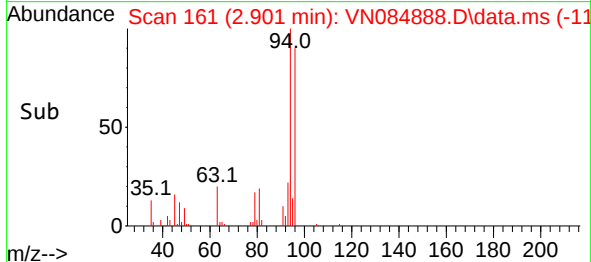
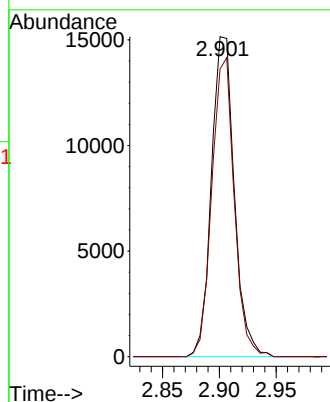
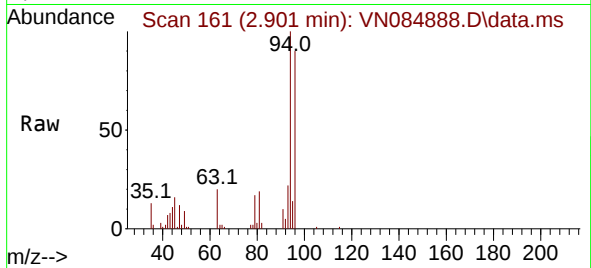




#5  
Bromomethane  
Concen: 21.531 ug/l  
RT: 2.901 min Scan# 11  
Delta R.T. -0.052 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

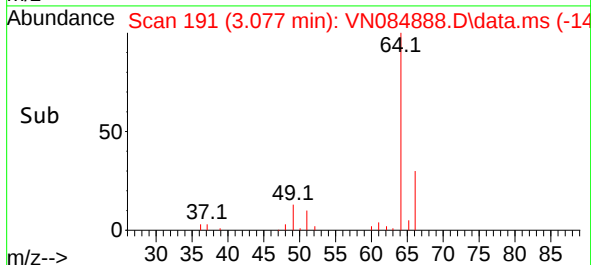
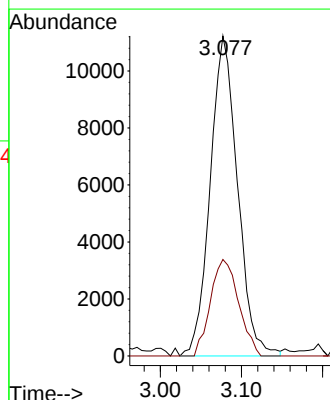
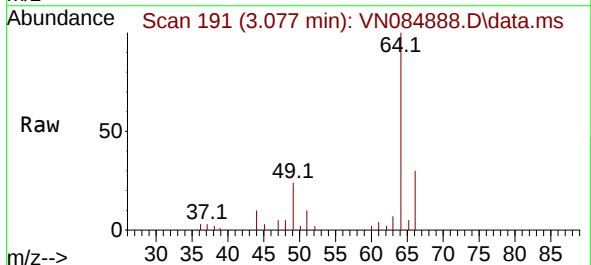
Instrument :  
MSVOA\_N  
ClientSampleId :

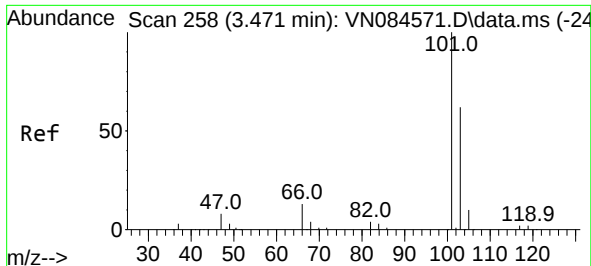
Tgt Ion: 94 Resp: 21222  
Ion Ratio Lower Upper  
94 100  
96 89.9 72.9 109.3



#6  
Chloroethane  
Concen: 22.068 ug/l  
RT: 3.077 min Scan# 191  
Delta R.T. -0.041 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 64 Resp: 26309  
Ion Ratio Lower Upper  
64 100  
66 30.1 23.5 35.3

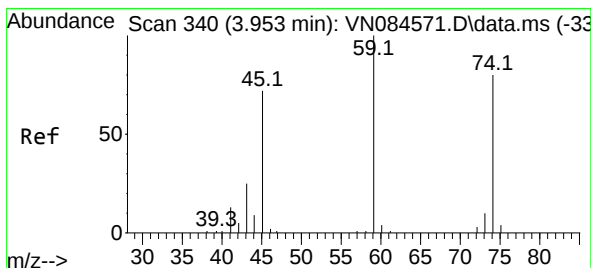
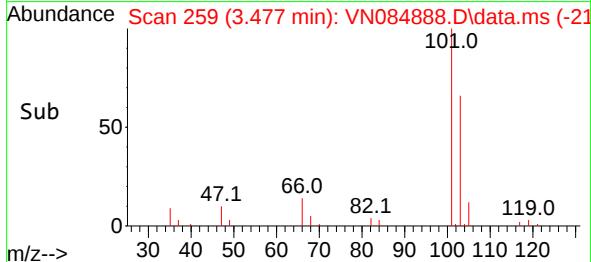
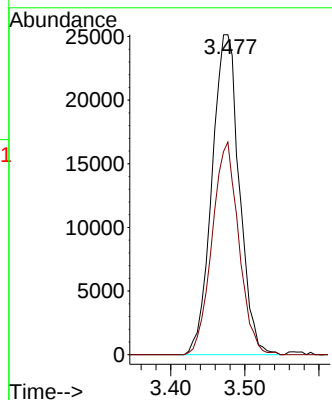
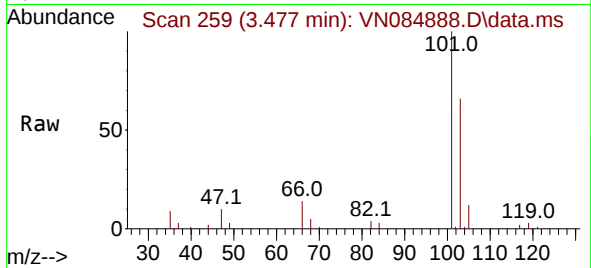




#7  
Trichlorofluoromethane  
Concen: 21.019 ug/l  
RT: 3.477 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

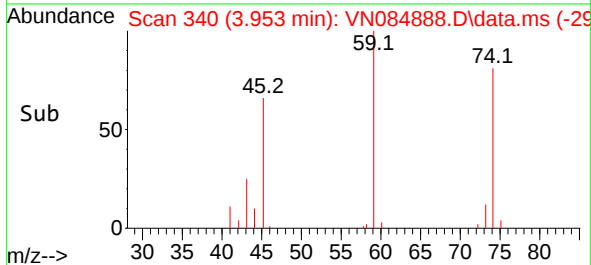
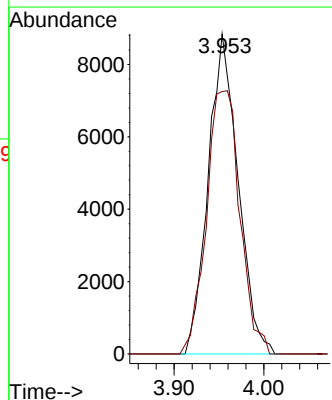
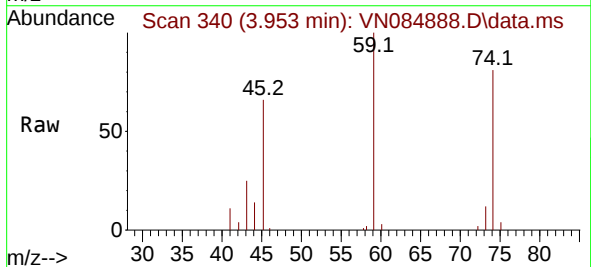
Instrument :  
MSVOA\_N  
ClientSampleId :

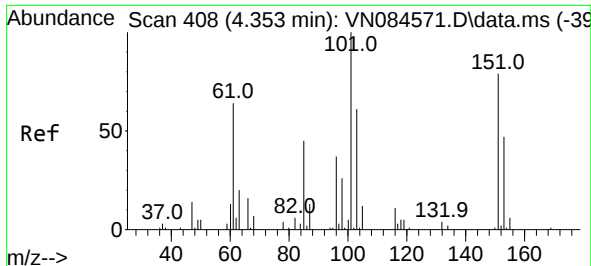
Tgt Ion:101 Resp: 64412  
Ion Ratio Lower Upper  
101 100  
103 66.4 51.8 77.6



#8  
Diethyl Ether  
Concen: 18.951 ug/l  
RT: 3.953 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 74 Resp: 20486  
Ion Ratio Lower Upper  
74 100  
45 91.9 47.7 143.1

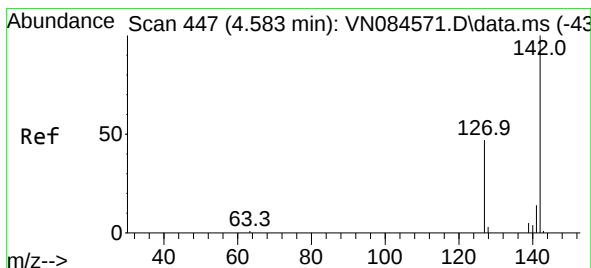
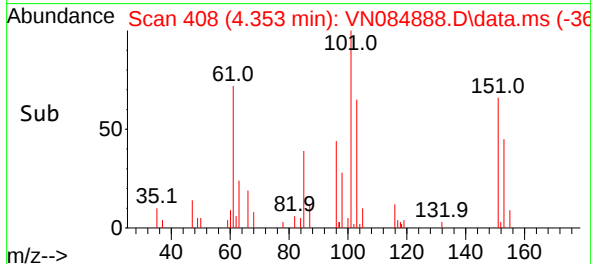
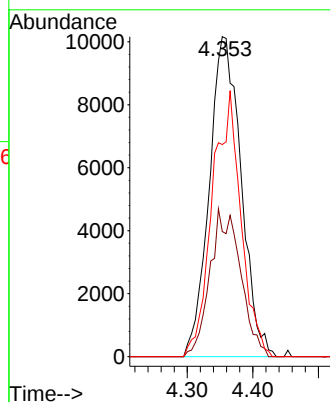
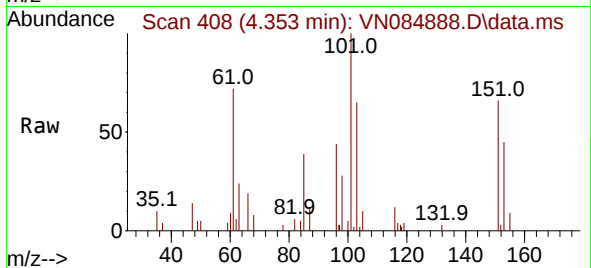




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.813 ug/l  
 RT: 4.353 min Scan# 408  
 Delta R.T. -0.018 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

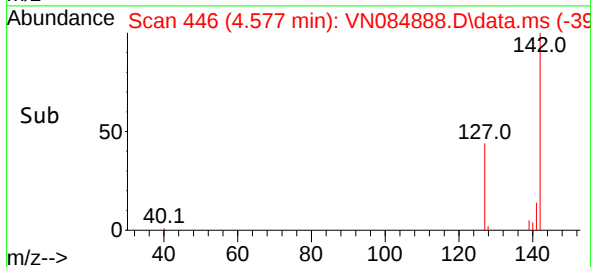
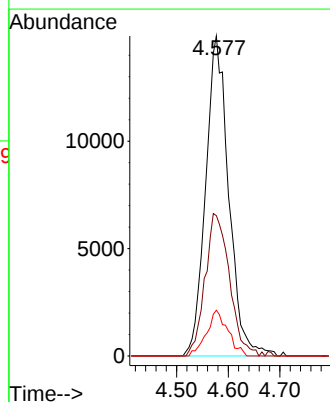
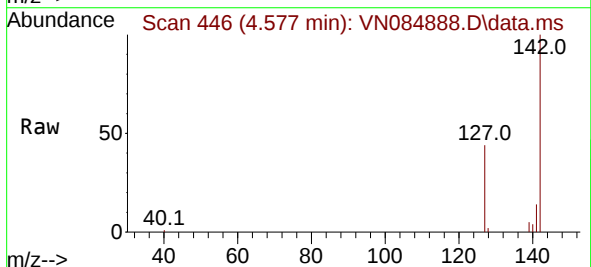
Instrument :  
 MSVOA\_N  
 ClientSampleId :

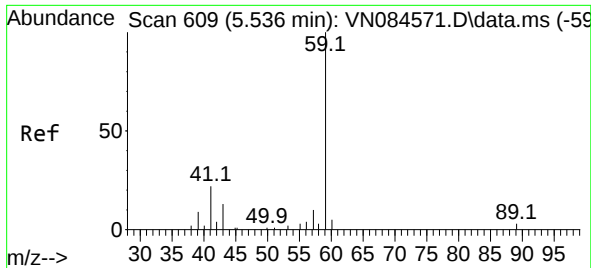
Tgt Ion:101 Resp: 34308  
 Ion Ratio Lower Upper  
 101 100  
 85 24.4 36.2 54.4#  
 151 74.5 59.3 88.9



#10  
 Methyl Iodide  
 Concen: 19.962 ug/l  
 RT: 4.577 min Scan# 446  
 Delta R.T. -0.018 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

Tgt Ion:142 Resp: 46196  
 Ion Ratio Lower Upper  
 142 100  
 127 43.9 35.3 52.9  
 141 14.3 11.0 16.6

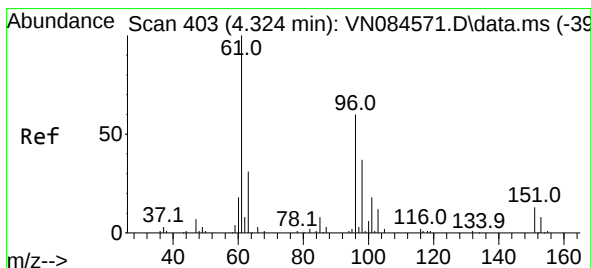
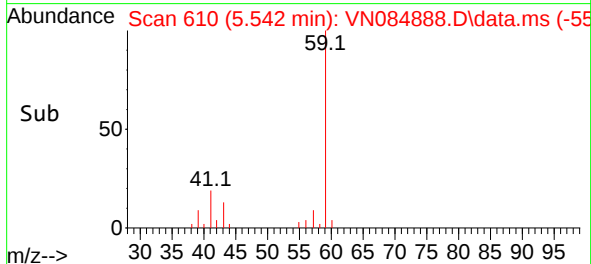
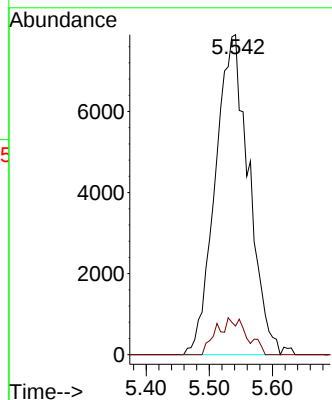
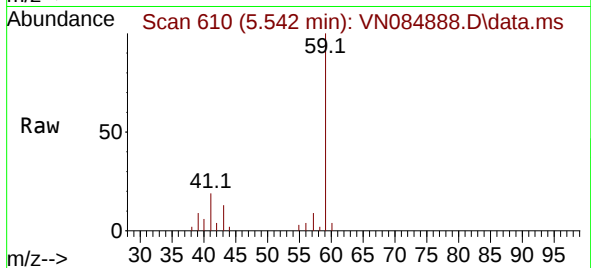




#11  
Tert butyl alcohol  
Concen: 101.363 ug/l  
RT: 5.542 min Scan# 61  
Delta R.T. 0.018 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

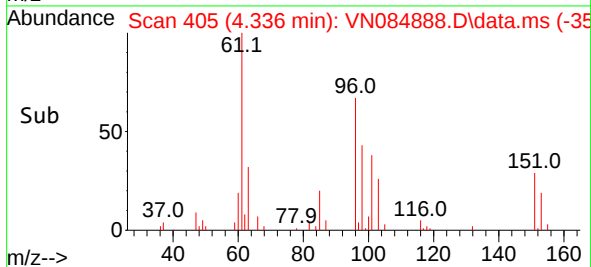
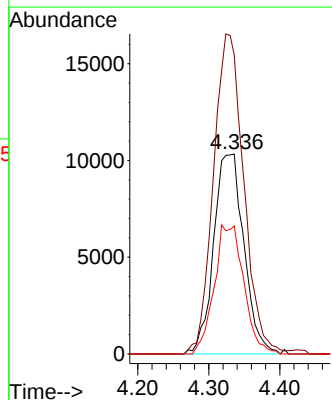
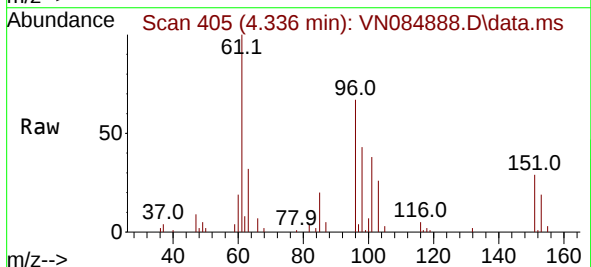
Instrument :  
MSVOA\_N  
ClientSampleId :

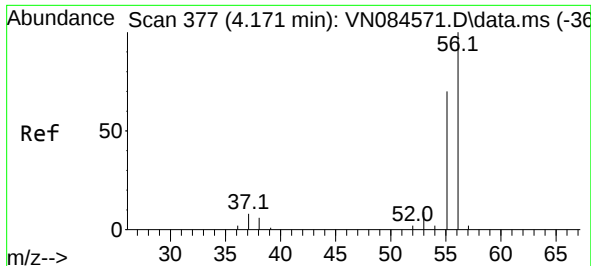
Tgt Ion: 59 Resp: 29075  
Ion Ratio Lower Upper  
59 100  
57 9.2 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 17.846 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 96 Resp: 30577  
Ion Ratio Lower Upper  
96 100  
61 149.4 128.6 192.8  
98 64.0 51.7 77.5





#13

Acrolein

Concen: 83.848 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA\_N

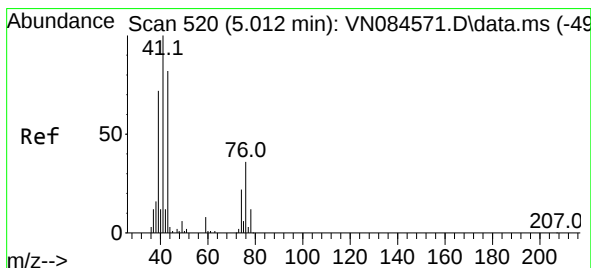
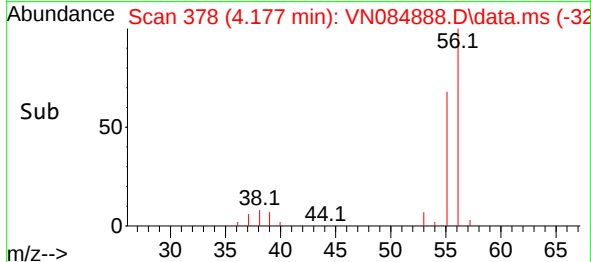
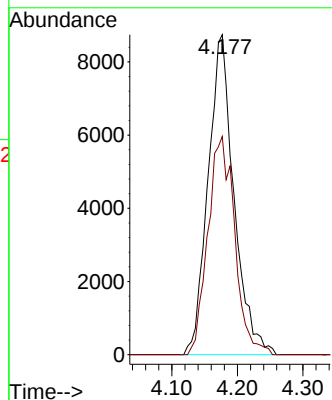
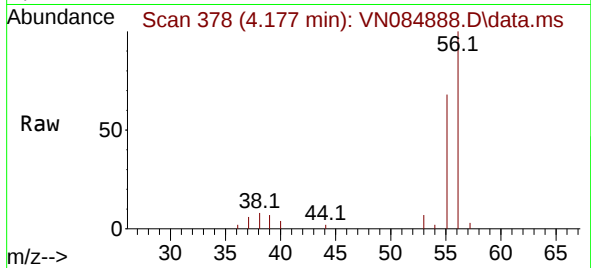
ClientSampleId :

Tgt Ion: 56 Resp: 23983

Ion Ratio Lower Upper

56 100

55 70.7 57.2 85.8



#14

Allyl chloride

Concen: 17.409 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

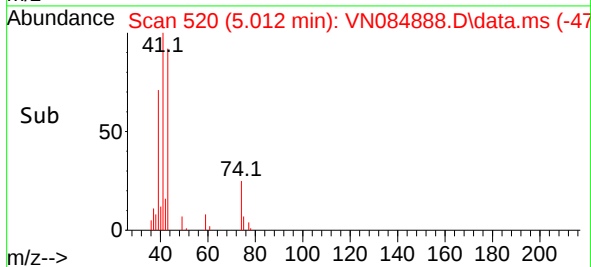
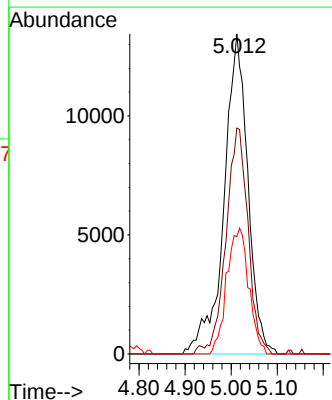
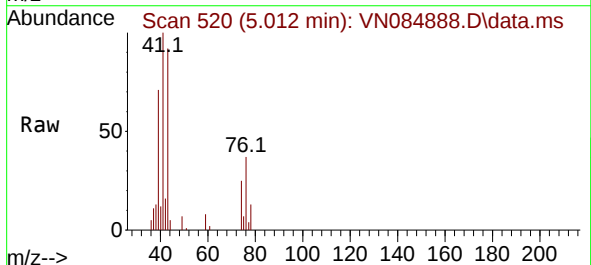
Tgt Ion: 41 Resp: 48374

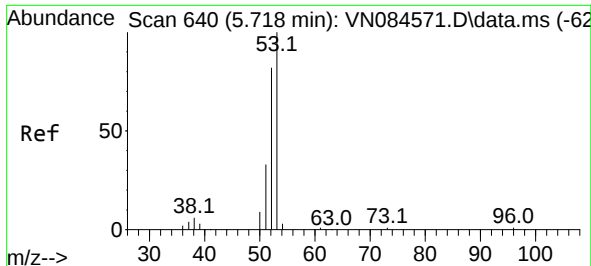
Ion Ratio Lower Upper

41 100

39 64.4 59.0 88.6

76 36.1 29.8 44.6

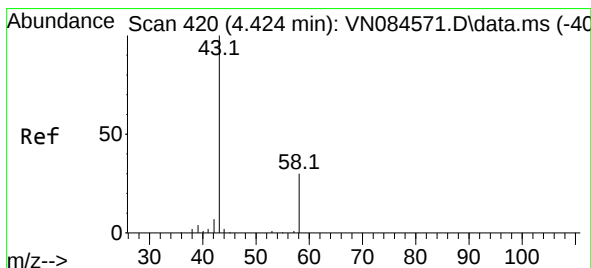
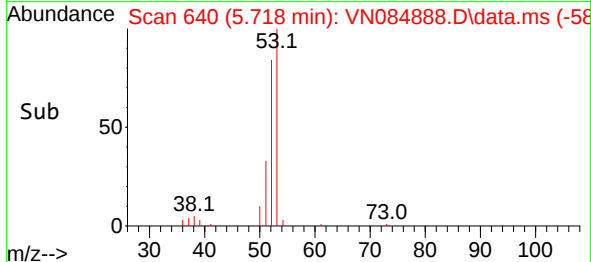
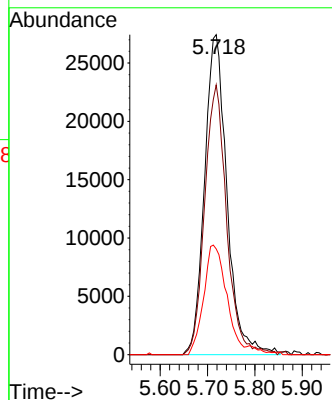
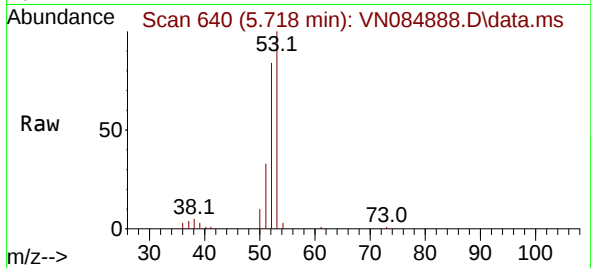




#15  
Acrylonitrile  
Concen: 108.709 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

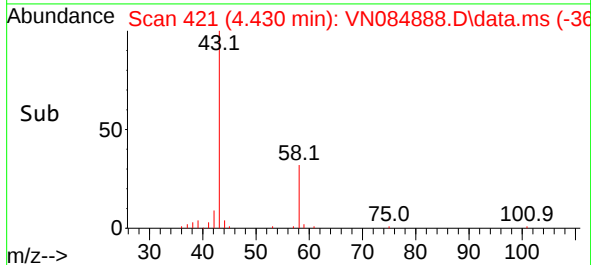
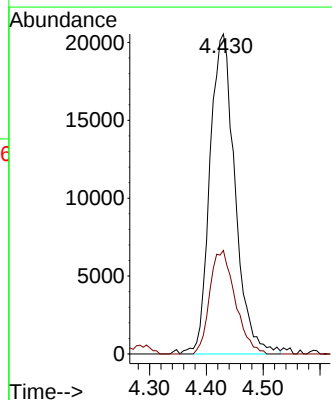
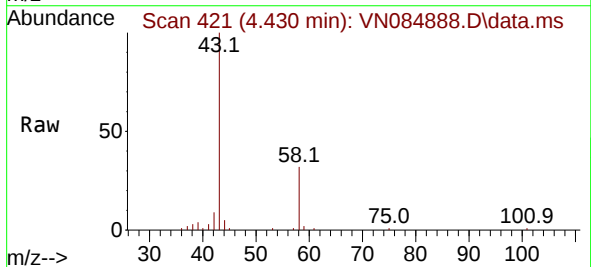
Instrument :  
MSVOA\_N  
ClientSampleId :

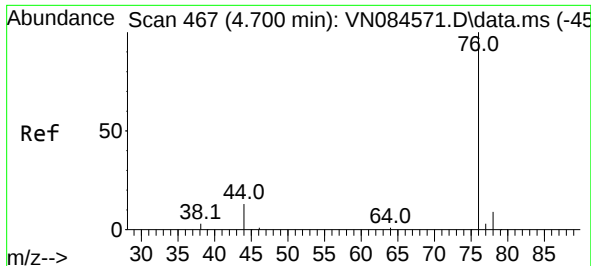
Tgt Ion: 53 Resp: 90271  
Ion Ratio Lower Upper  
53 100  
52 82.6 66.2 99.4  
51 34.9 28.8 43.2



#16  
Acetone  
Concen: 98.543 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

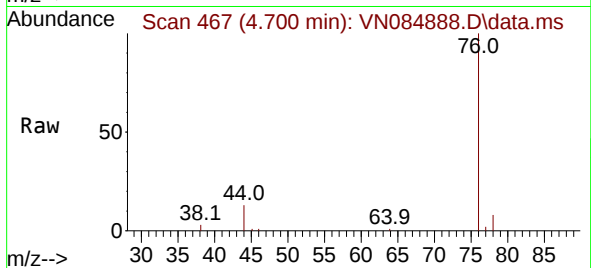
Tgt Ion: 43 Resp: 62942  
Ion Ratio Lower Upper  
43 100  
58 32.4 24.4 36.6



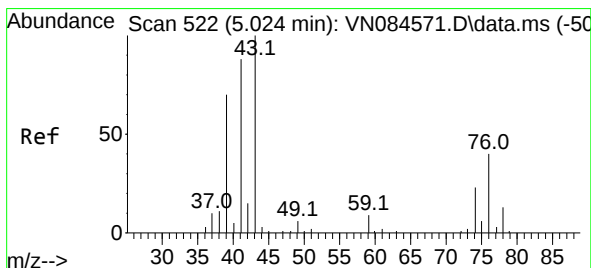
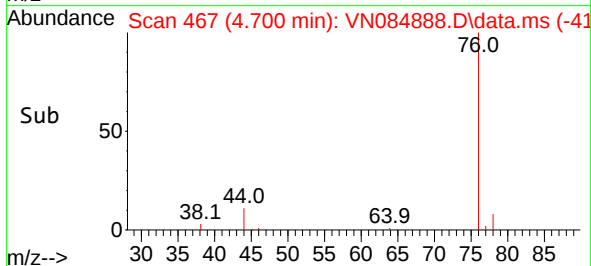
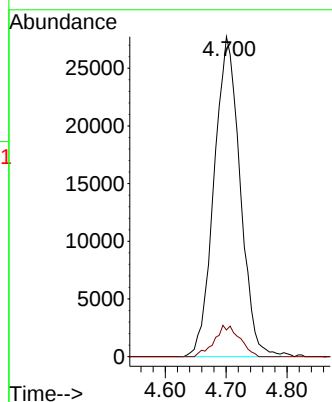


#17  
Carbon Disulfide  
Concen: 15.633 ug/l  
RT: 4.700 min Scan# 467  
Delta R.T. -0.012 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :

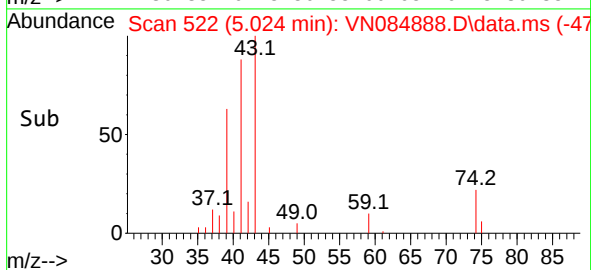
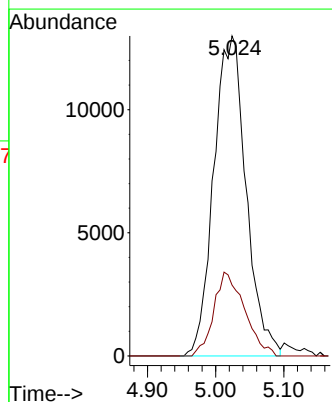
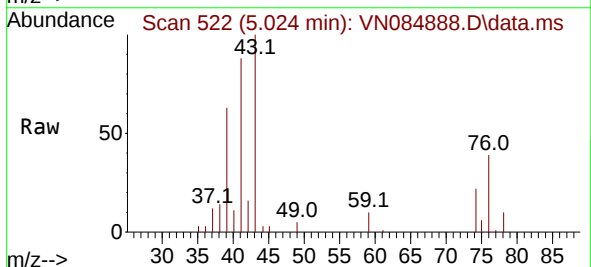


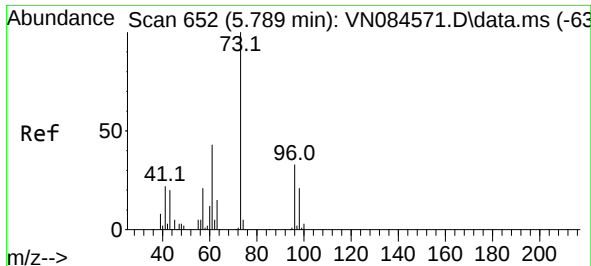
Tgt Ion: 76 Resp: 82486  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.3 10.9



#18  
Methyl Acetate  
Concen: 15.985 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 43 Resp: 42881  
Ion Ratio Lower Upper  
43 100  
74 24.9 19.2 28.8

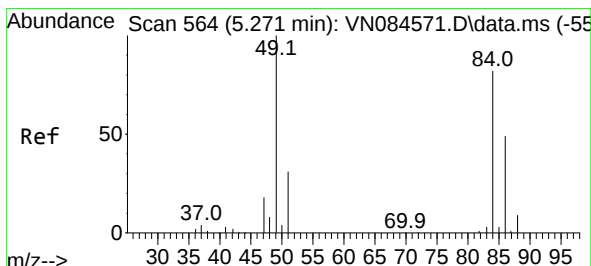
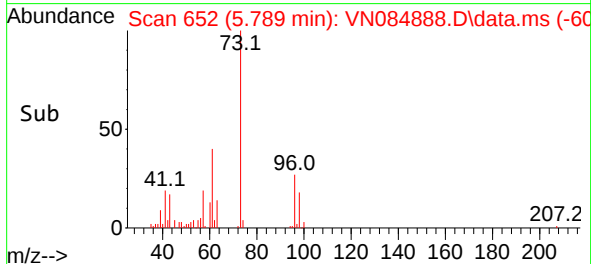
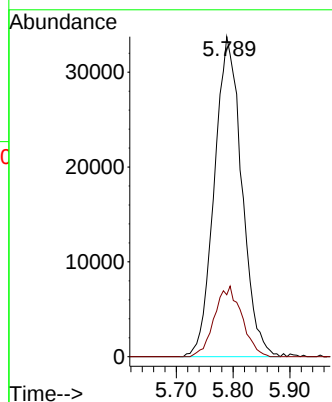
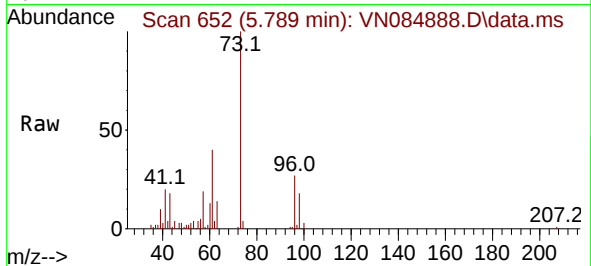




#19  
Methyl tert-butyl Ether  
Concen: 21.555 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

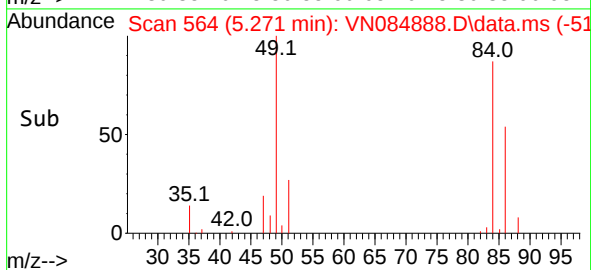
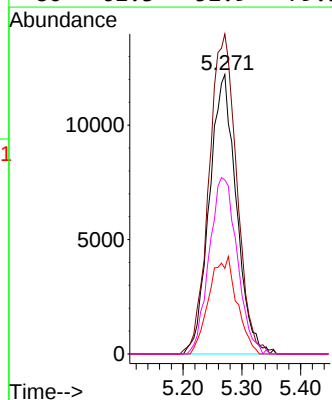
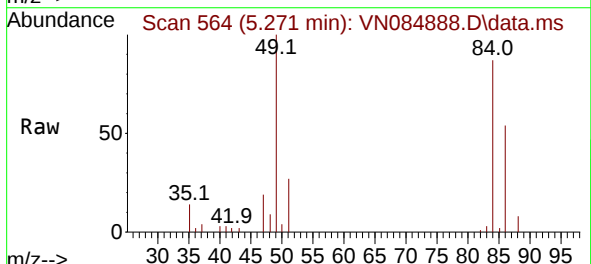
Instrument :  
MSVOA\_N  
ClientSampleId :

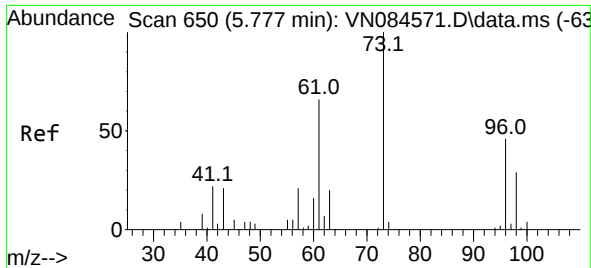
Tgt Ion: 73 Resp: 113198  
Ion Ratio Lower Upper  
73 100  
57 19.4 17.7 26.5



#20  
Methylene Chloride  
Concen: 20.315 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 84 Resp: 38828  
Ion Ratio Lower Upper  
84 100  
49 114.5 107.2 160.8  
51 30.7 31.8 47.8#  
86 62.3 52.9 79.3

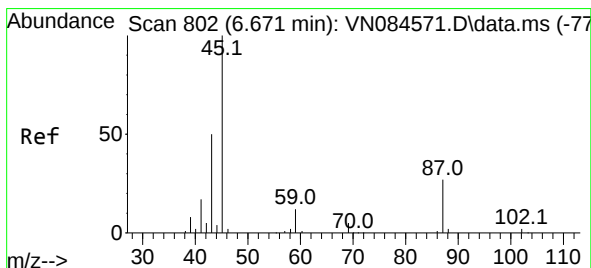
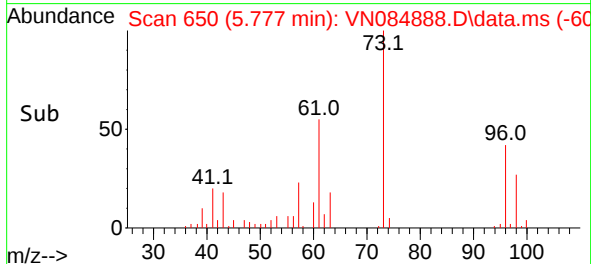
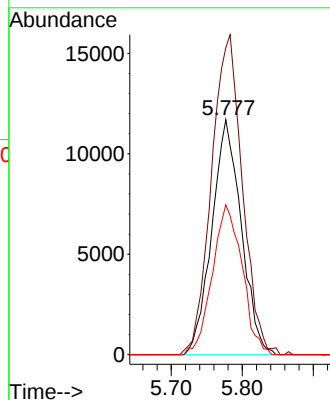
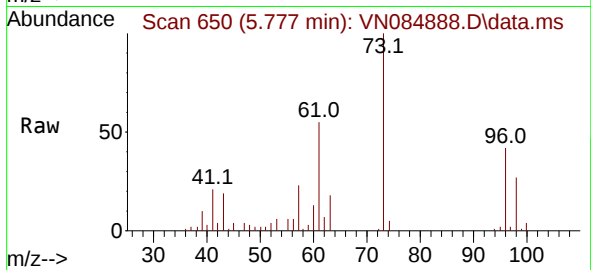




#21  
trans-1,2-Dichloroethene  
Concen: 19.094 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

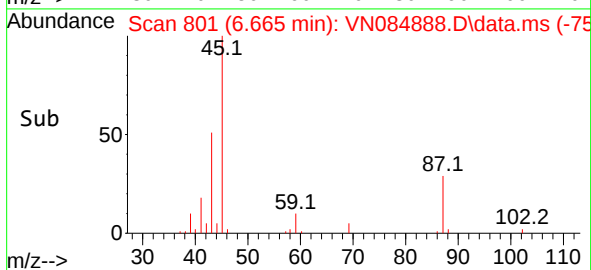
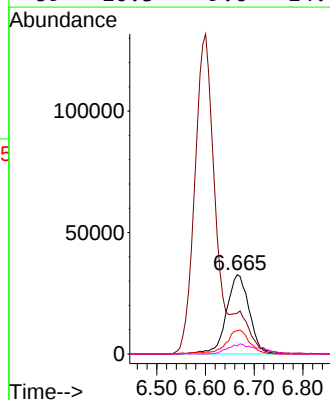
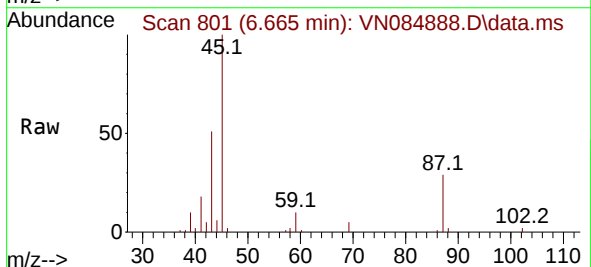
Instrument :  
MSVOA\_N  
ClientSampleId :

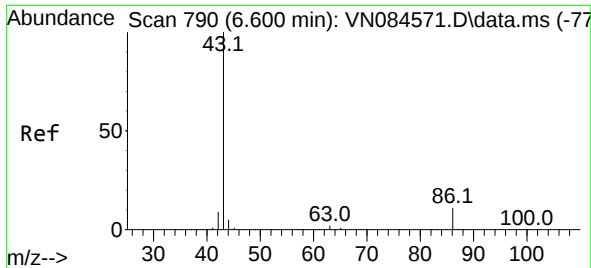
Tgt Ion: 96 Resp: 33592  
Ion Ratio Lower Upper  
96 100  
61 130.6 108.4 162.6  
98 63.8 49.8 74.8



#22  
Diisopropyl ether  
Concen: 19.105 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 45 Resp: 105483  
Ion Ratio Lower Upper  
45 100  
43 49.3 42.3 63.5  
87 29.3 21.8 32.6  
59 10.3 9.6 14.4

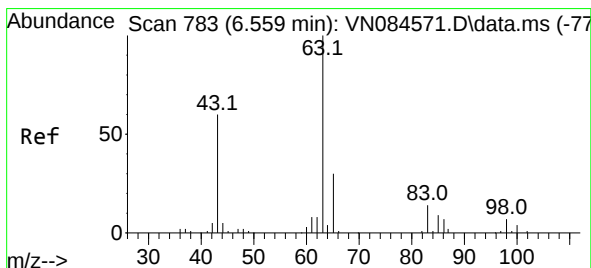
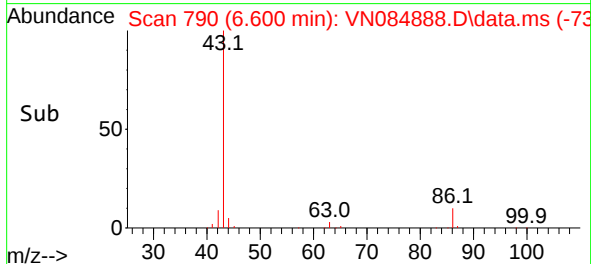
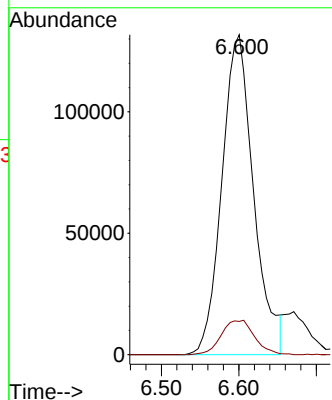
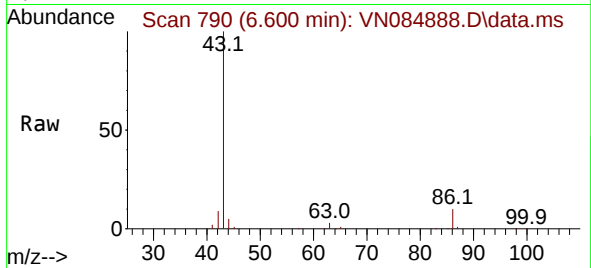




#23  
 Vinyl Acetate  
 Concen: 98.531 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

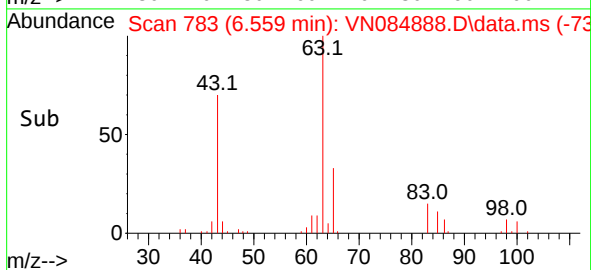
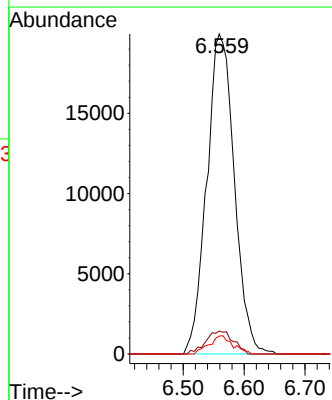
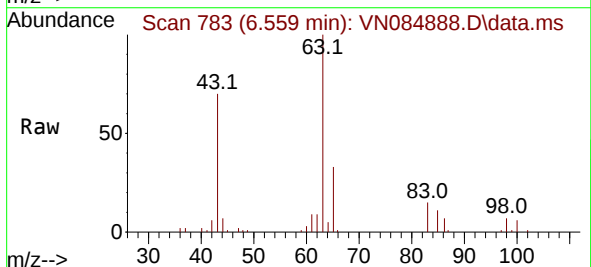
Instrument :  
 MSVOA\_N  
 ClientSampleId :

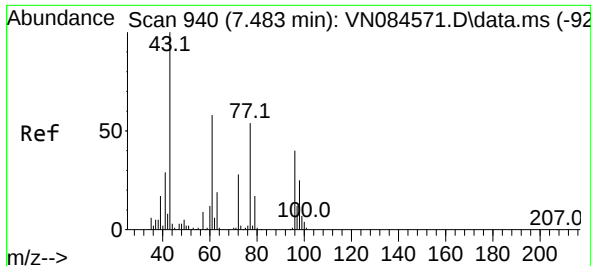
Tgt Ion: 43 Resp: 375158  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 18.950 ug/l  
 RT: 6.559 min Scan# 783  
 Delta R.T. -0.012 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

Tgt Ion: 63 Resp: 62817  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.4 10.2  
 100 5.6 2.0 5.8

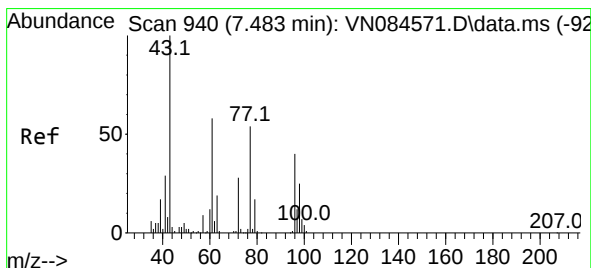
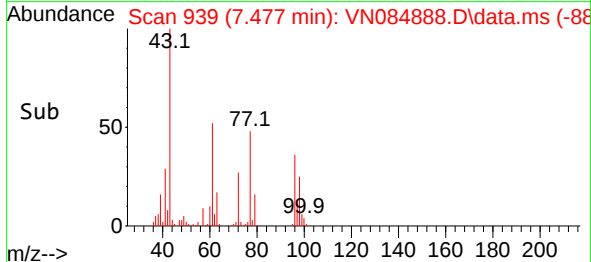
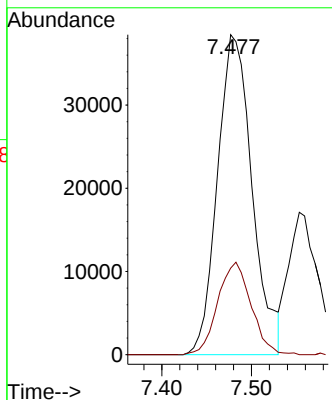
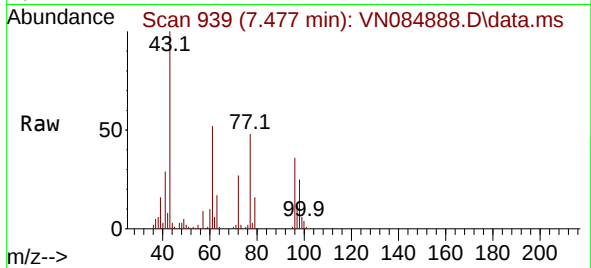




#25  
2-Butanone  
Concen: 101.793 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

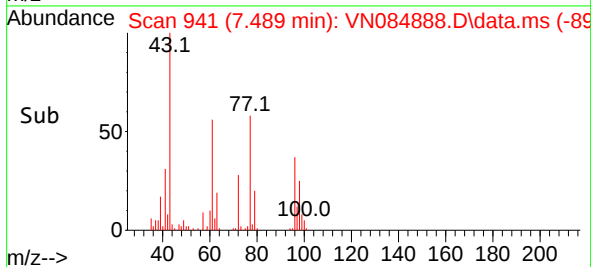
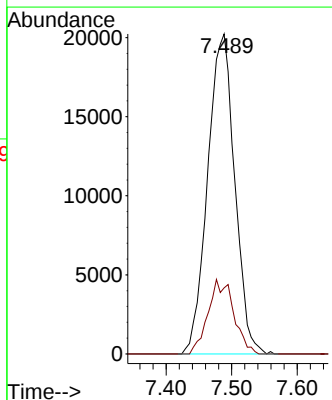
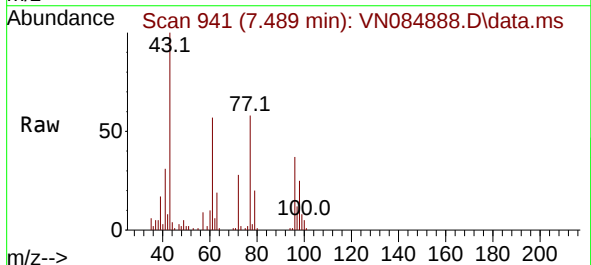
Instrument :  
MSVOA\_N  
ClientSampleId :

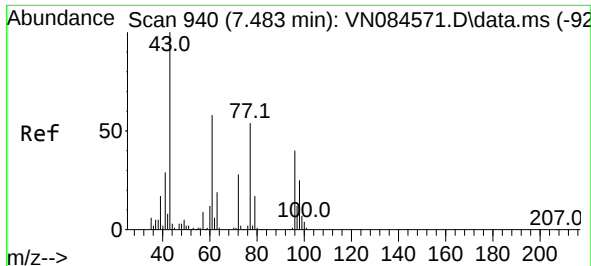
Tgt Ion: 43 Resp: 103199  
Ion Ratio Lower Upper  
43 100  
72 27.1 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 20.108 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

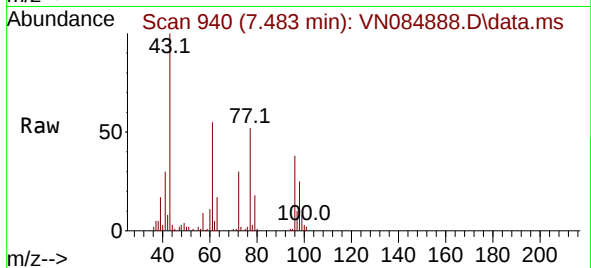
Tgt Ion: 77 Resp: 58013  
Ion Ratio Lower Upper  
77 100  
97 22.0 10.8 32.3



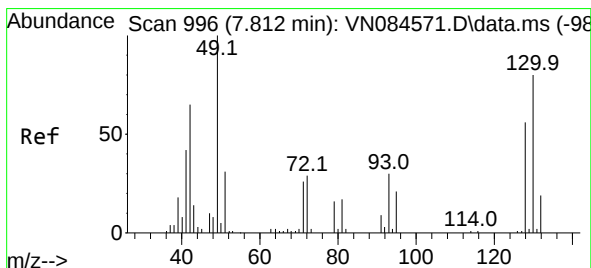
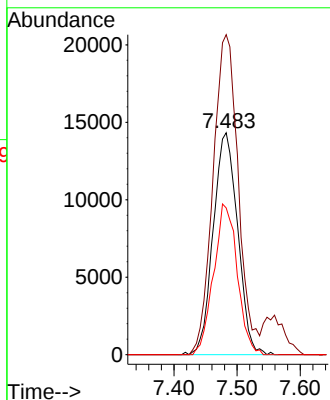
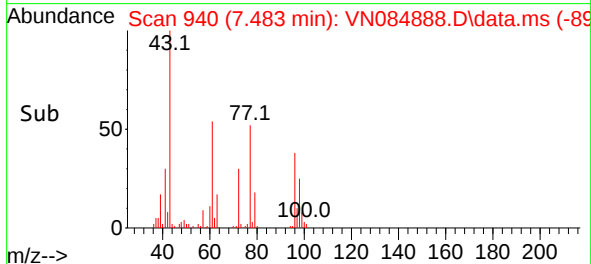


#27  
cis-1,2-Dichloroethene  
Concen: 18.745 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :

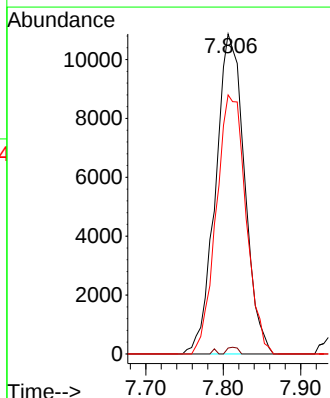
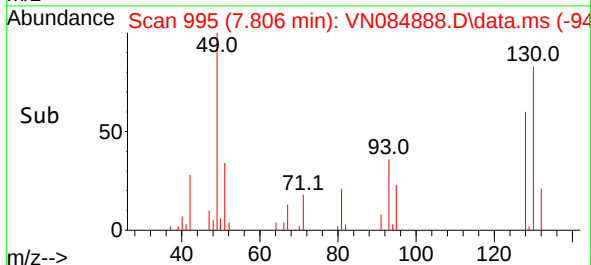
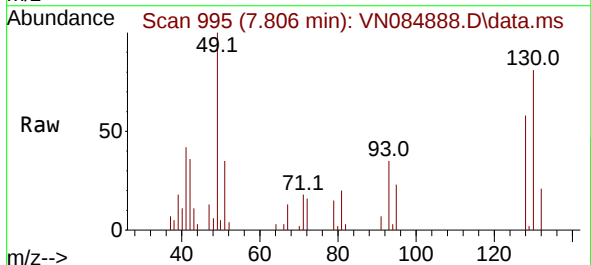


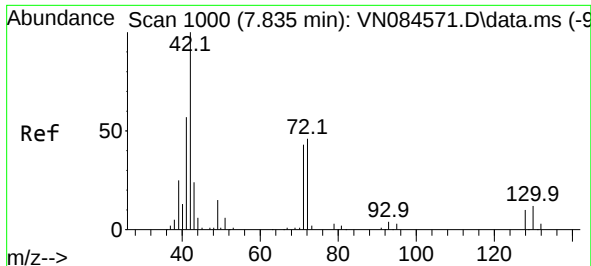
Tgt Ion: 96 Resp: 38507  
Ion Ratio Lower Upper  
96 100  
61 149.1 0.0 301.8  
98 65.8 0.0 128.2



#28  
Bromochloromethane  
Concen: 21.408 ug/l  
RT: 7.806 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 49 Resp: 28273  
Ion Ratio Lower Upper  
49 100  
129 0.8 0.0 3.6  
130 82.8 58.0 87.0





#29

Tetrahydrofuran

Concen: 99.181 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

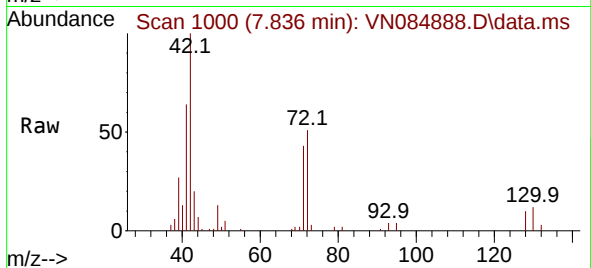
Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

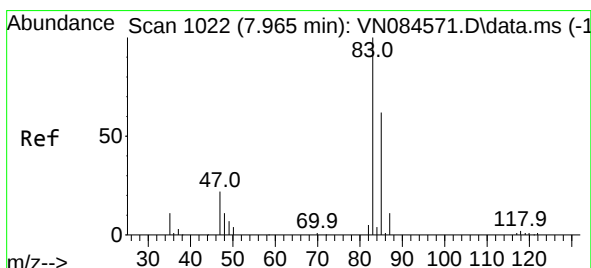
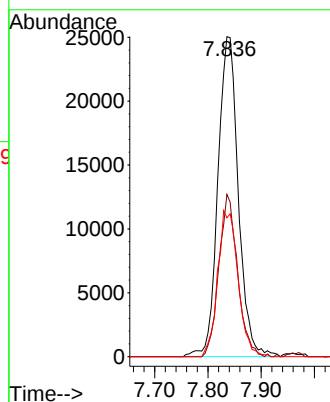
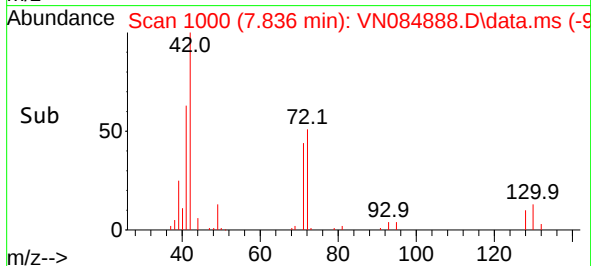
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 66707 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 46.2  | 34.6  | 51.8  |
| 71       | 45.5  | 32.2  | 48.4  |



#30

Chloroform

Concen: 19.711 ug/l

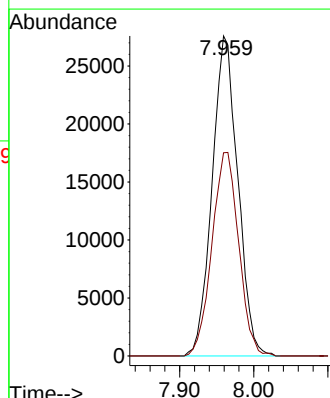
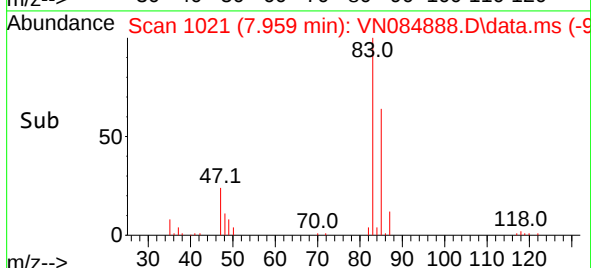
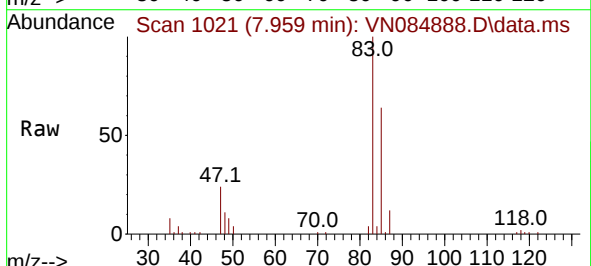
RT: 7.959 min Scan# 1021

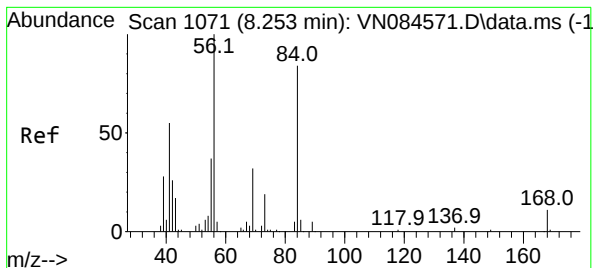
Delta R.T. -0.006 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 66502 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.5  | 51.0  | 76.4  |





#31

Cyclohexane

Concen: 18.994 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA\_N

ClientSampleId :

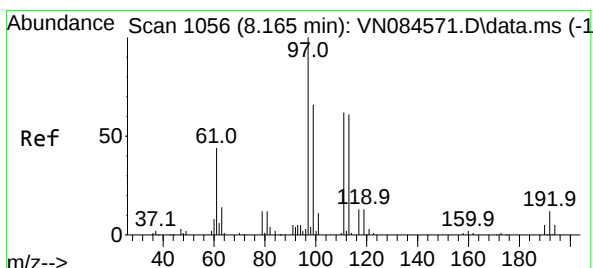
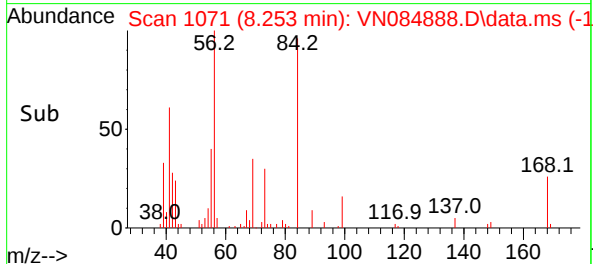
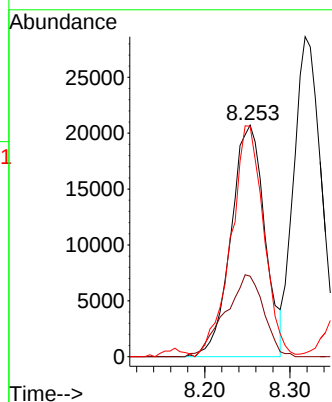
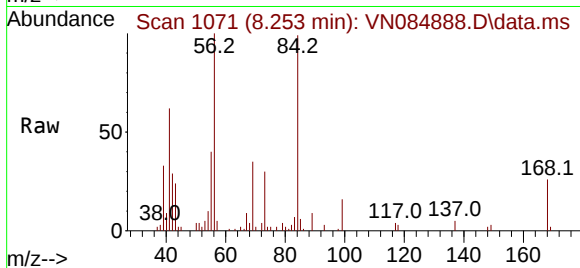
Tgt Ion: 56 Resp: 56986

Ion Ratio Lower Upper

56 100

69 34.7 23.8 35.6

84 97.3 68.8 103.2



#32

1,1,1-Trichloroethane

Concen: 21.182 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

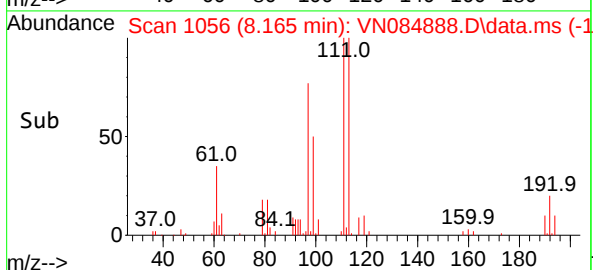
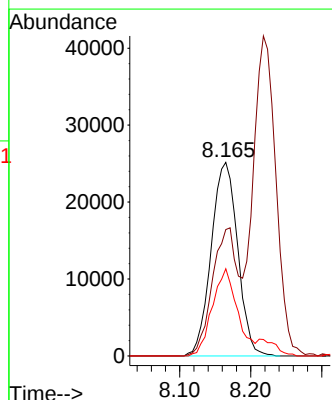
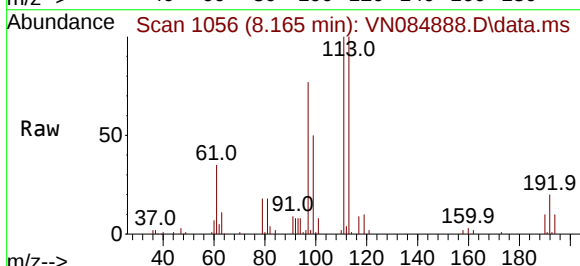
Tgt Ion: 97 Resp: 65046

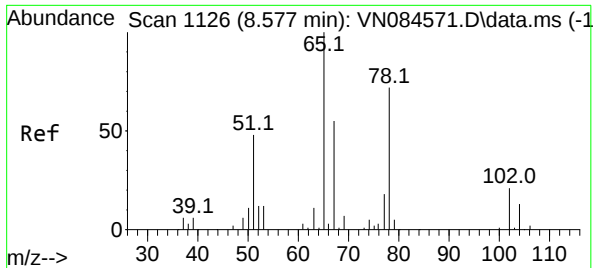
Ion Ratio Lower Upper

97 100

99 65.3 51.2 76.8

61 42.9 37.5 56.3

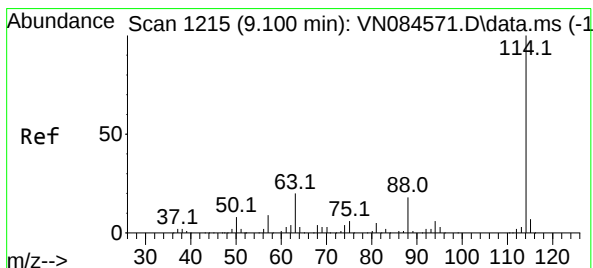
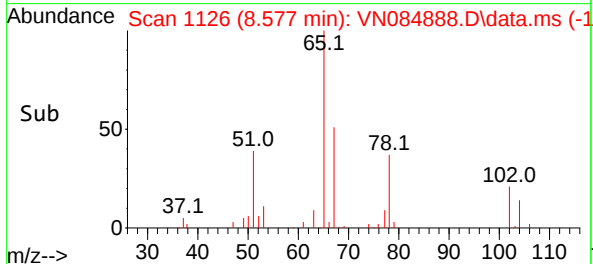
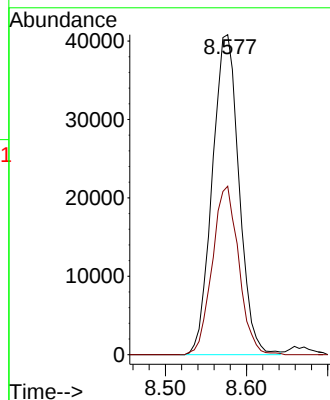
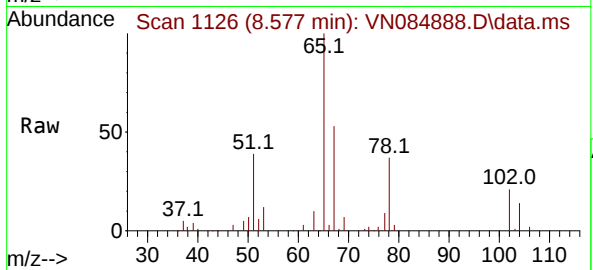




#33  
 1,2-Dichloroethane-d4  
 Concen: 42.975 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

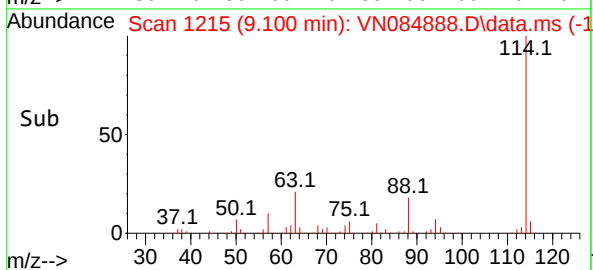
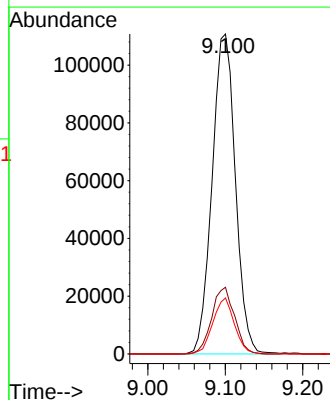
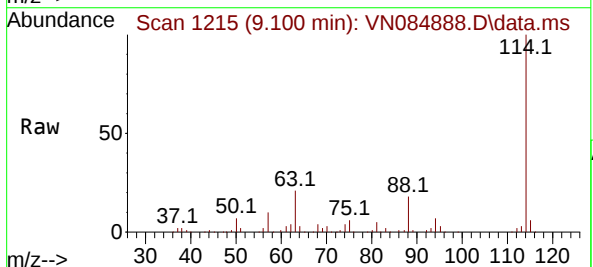
Instrument :  
 MSVOA\_N  
 ClientSampleId :

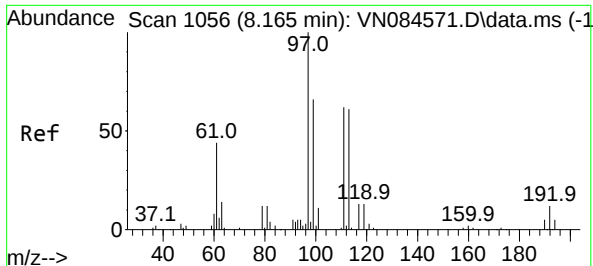
Tgt Ion: 65 Resp: 93388  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 102.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.000 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

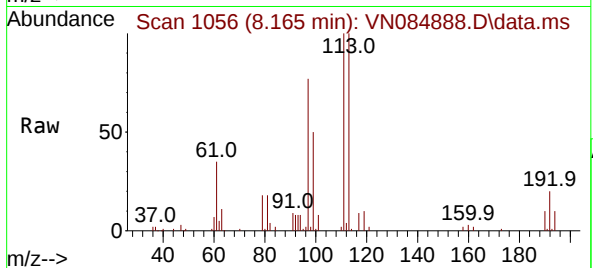
Tgt Ion: 114 Resp: 231435  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 0.0 43.8  
 88 17.5 0.0 31.6



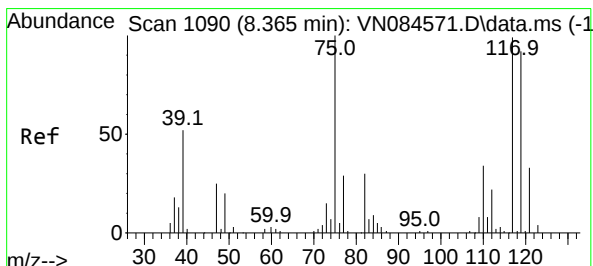
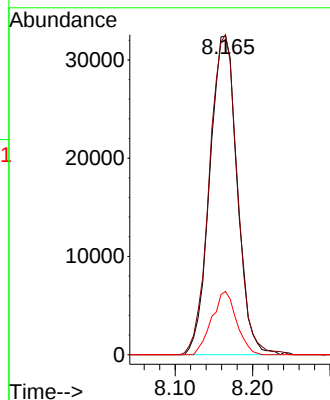
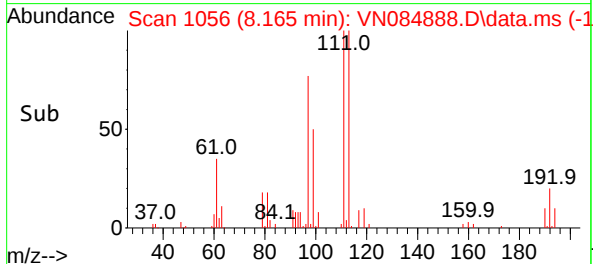


#35  
Dibromofluoromethane  
Concen: 50.797 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :

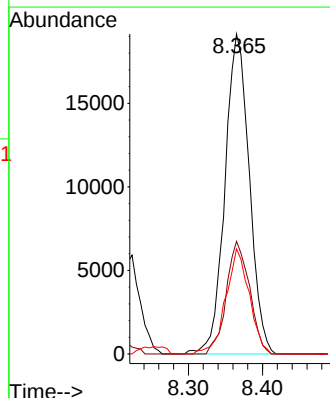
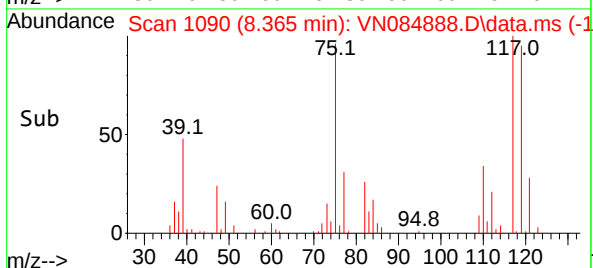
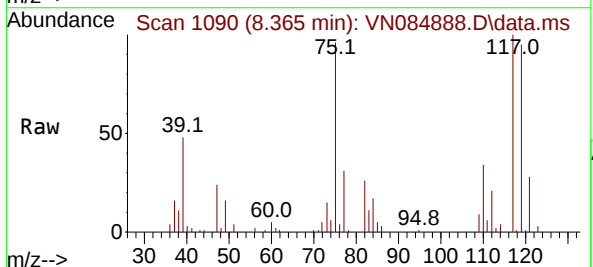


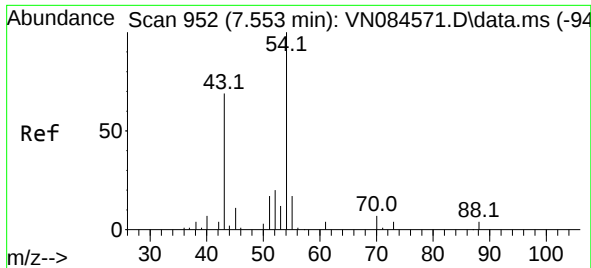
Tgt Ion:113 Resp: 79576  
Ion Ratio Lower Upper  
113 100  
111 101.8 83.3 124.9  
192 17.9 13.5 20.3



#36  
1,1-Dichloropropene  
Concen: 20.130 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 75 Resp: 43734  
Ion Ratio Lower Upper  
75 100  
110 33.5 16.9 50.7  
77 31.7 24.7 37.1

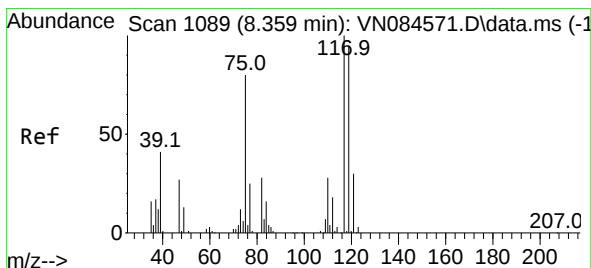
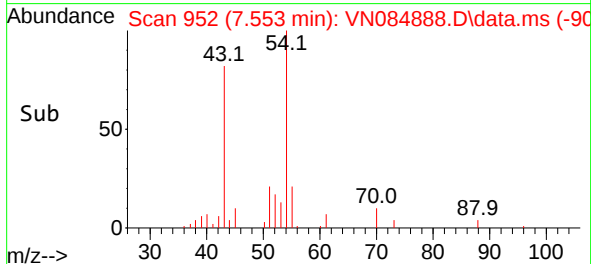
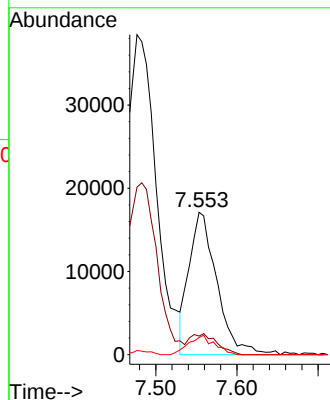
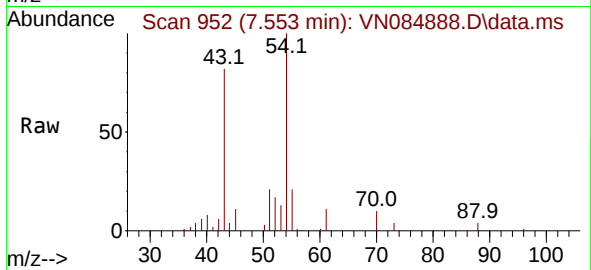




#37  
Ethyl Acetate  
Concen: 20.714 ug/l  
RT: 7.553 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

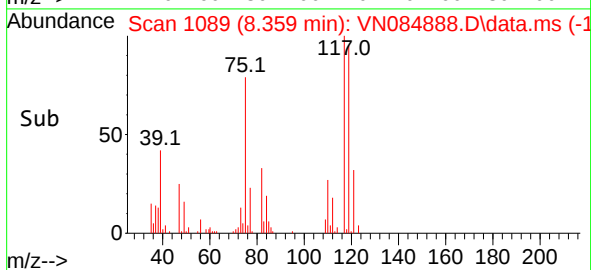
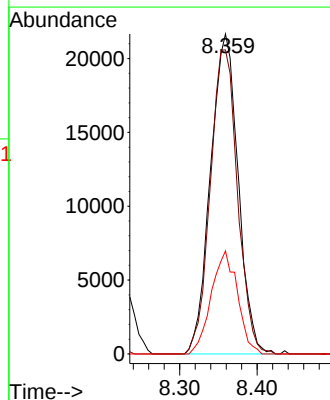
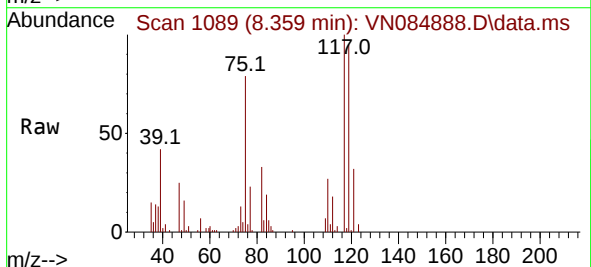
Instrument :  
MSVOA\_N  
ClientSampleId :

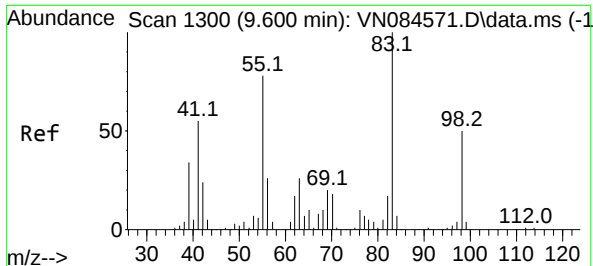
Tgt Ion: 43 Resp: 40831  
Ion Ratio Lower Upper  
43 100  
61 14.2 10.7 16.1  
70 12.5 8.8 13.2



#38  
Carbon Tetrachloride  
Concen: 22.041 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 117 Resp: 53525  
Ion Ratio Lower Upper  
117 100  
119 95.0 78.7 118.1  
121 32.2 24.4 36.6





#39

Methylcyclohexane

Concen: 21.990 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA\_N

ClientSampleId :

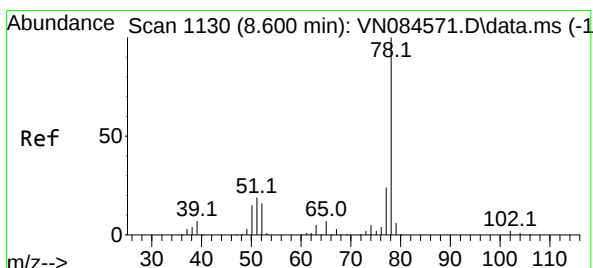
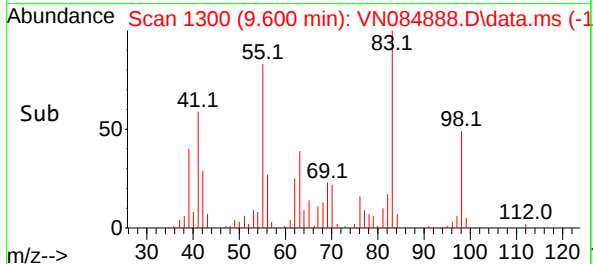
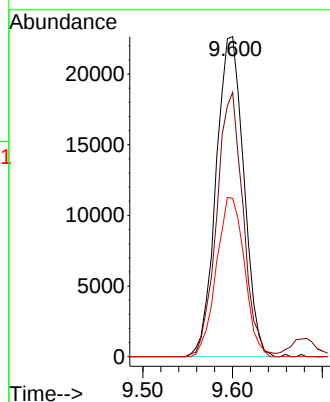
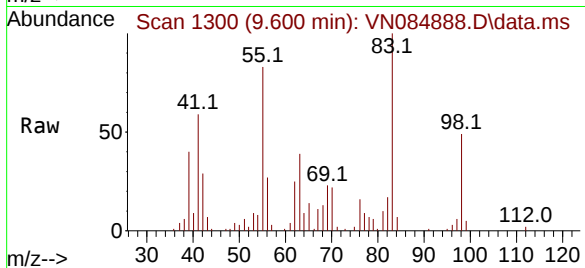
Tgt Ion: 83 Resp: 48603

Ion Ratio Lower Upper

83 100

55 82.6 62.8 94.2

98 49.5 38.8 58.2



#40

Benzene

Concen: 20.367 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084888.D

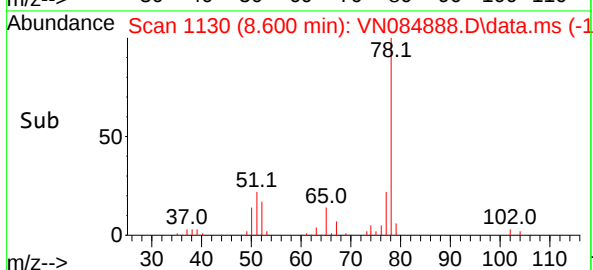
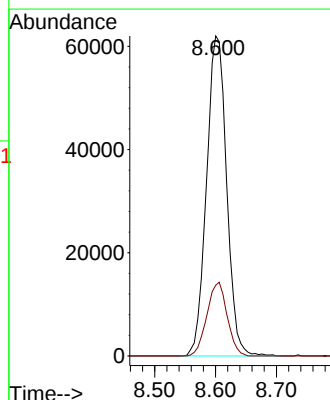
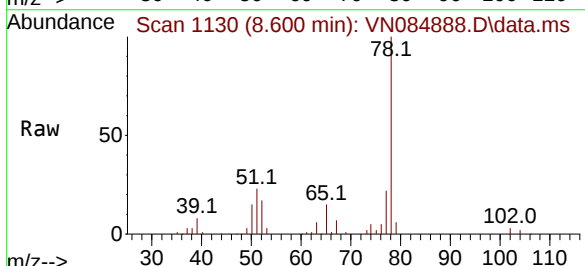
Acq: 17 Nov 2024 12:25

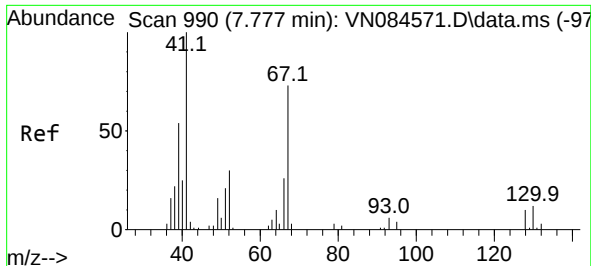
Tgt Ion: 78 Resp: 142106

Ion Ratio Lower Upper

78 100

77 22.1 19.1 28.7

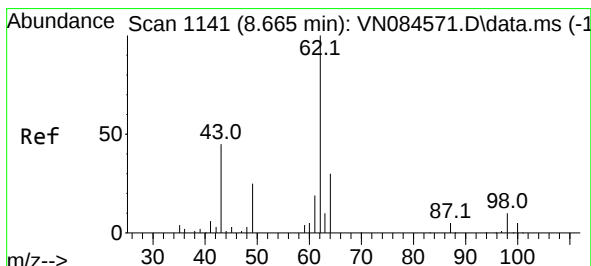
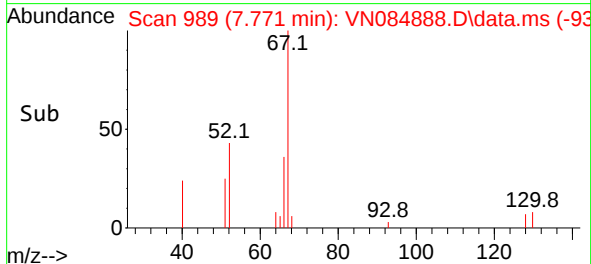
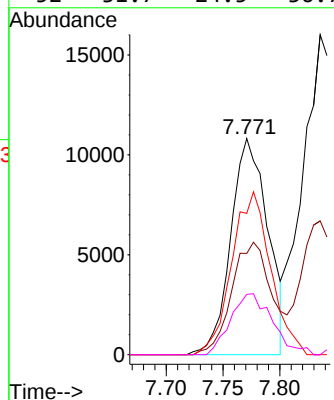
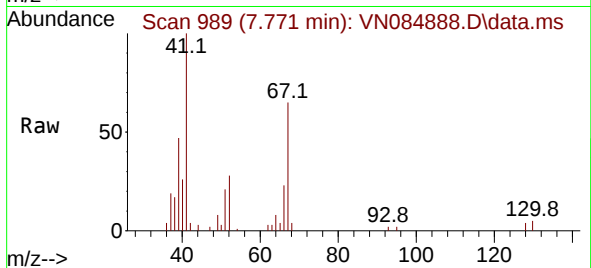




#41  
Methacrylonitrile  
Concen: 23.171 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

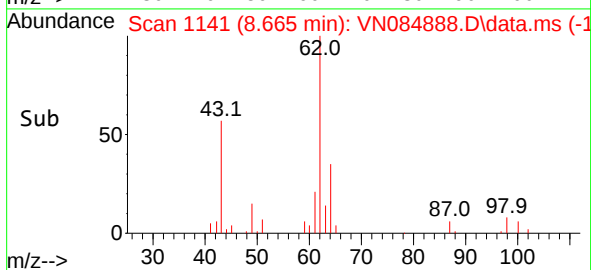
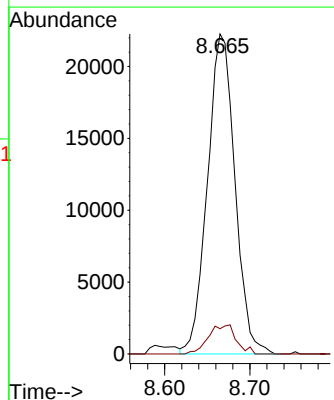
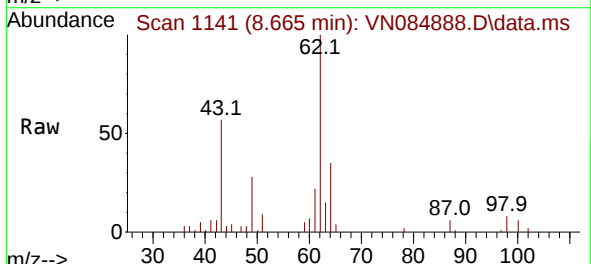
Instrument :  
MSVOA\_N  
ClientSampleId :

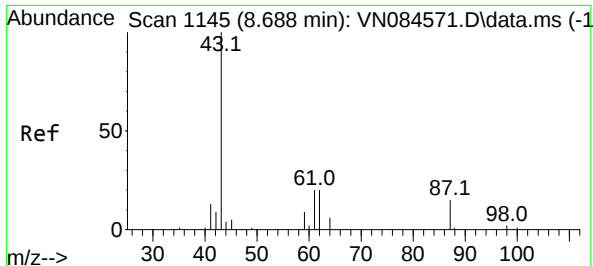
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 24562 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 56.9     | 43.3 64.9   |
| 67 78.9     | 56.1 84.1   |
| 52 31.7     | 24.5 36.7   |



#42  
1,2-Dichloroethane  
Concen: 22.080 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 49893 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.2      | 0.0 18.2    |

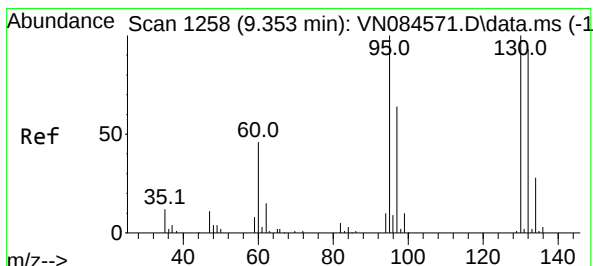
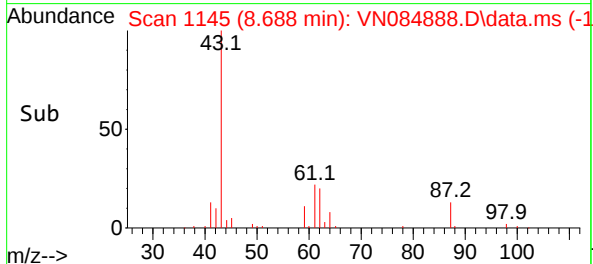
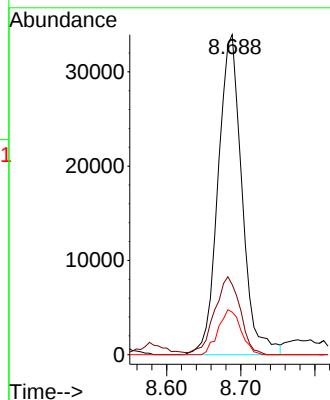
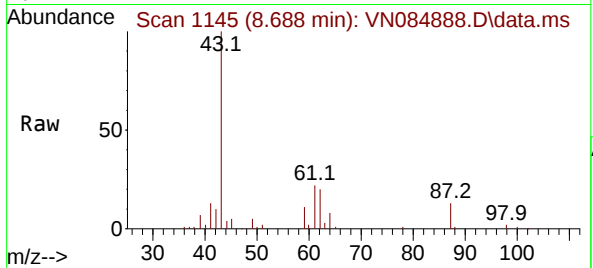




#43  
Isopropyl Acetate  
Concen: 20.310 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

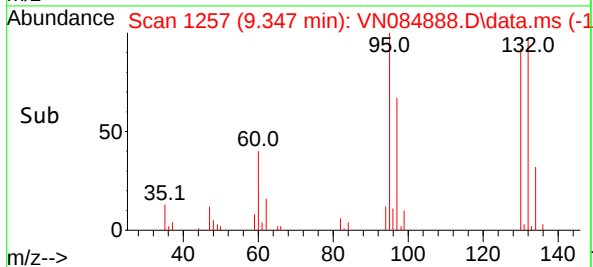
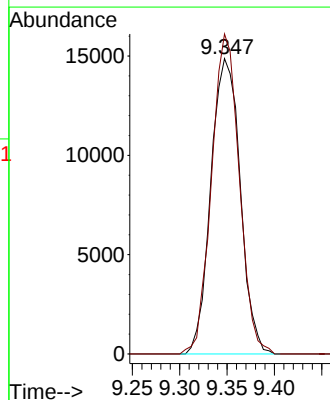
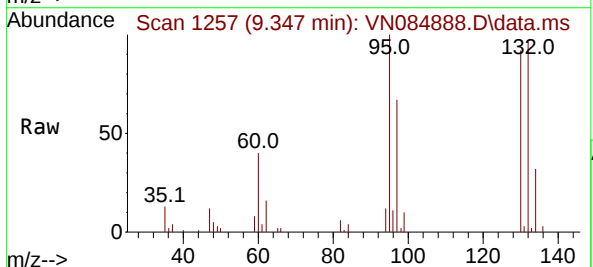
Instrument :  
MSVOA\_N  
ClientSampleId :

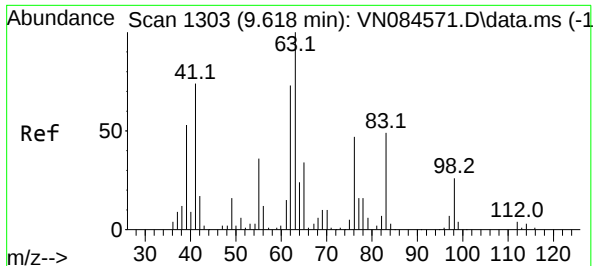
Tgt Ion: 43 Resp: 76047  
Ion Ratio Lower Upper  
43 100  
61 26.1 20.4 30.6  
87 13.4 10.3 15.5



#44  
Trichloroethene  
Concen: 19.926 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion:130 Resp: 32063  
Ion Ratio Lower Upper  
130 100  
95 108.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 22.834 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA\_N

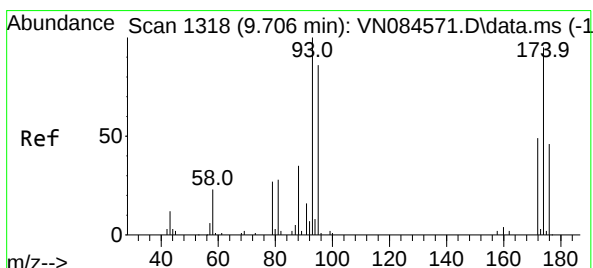
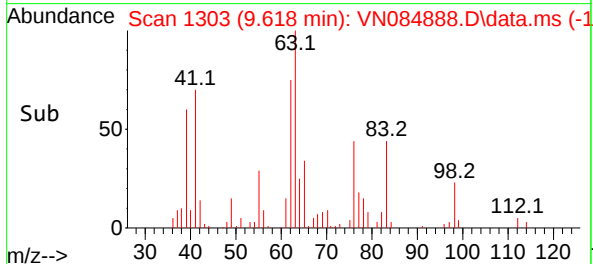
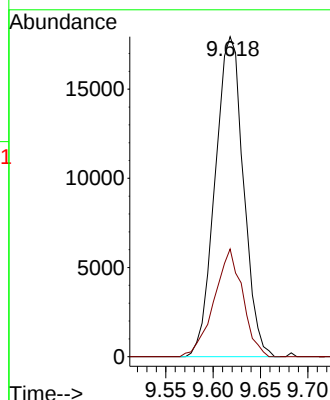
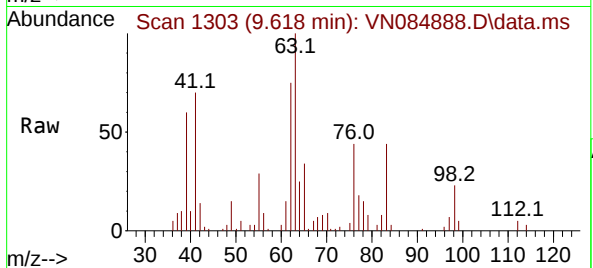
ClientSampleId :

Tgt Ion: 63 Resp: 37373

Ion Ratio Lower Upper

63 100

65 33.7 24.6 37.0



#46

Dibromomethane

Concen: 22.098 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

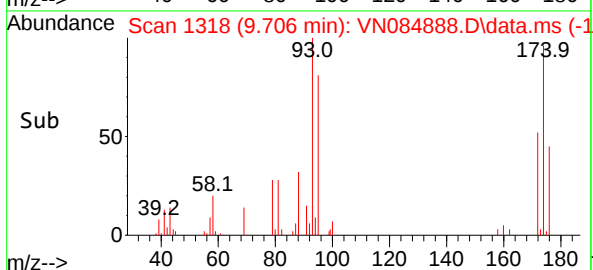
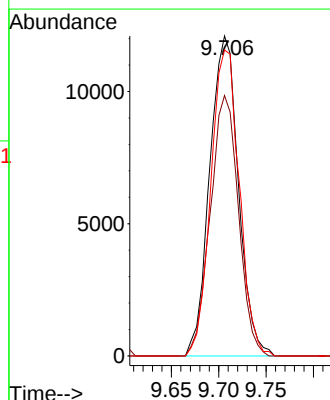
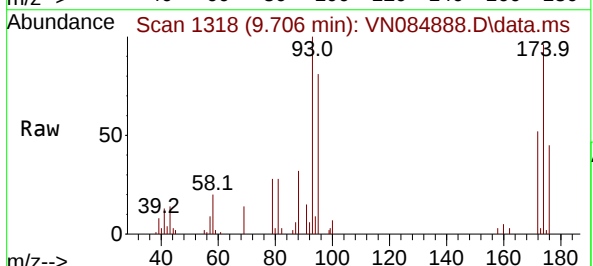
Tgt Ion: 93 Resp: 25522

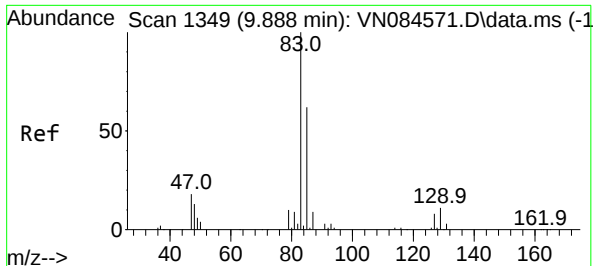
Ion Ratio Lower Upper

93 100

95 79.8 65.0 97.4

174 94.6 71.8 107.8

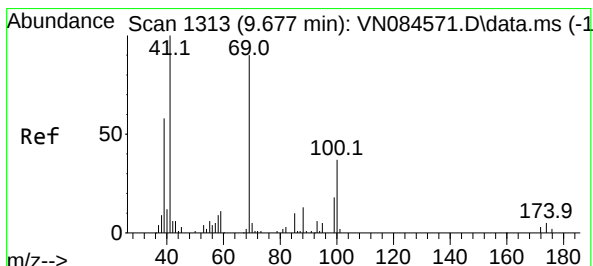
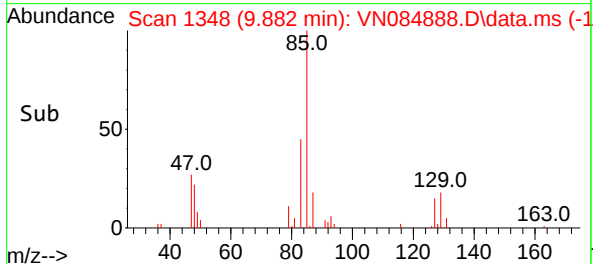
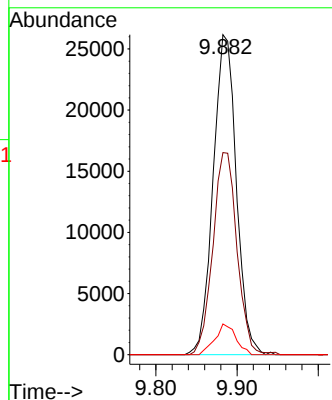
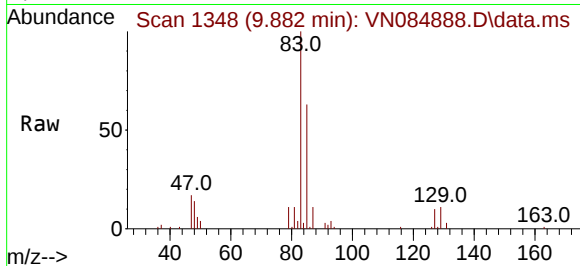




#47  
Bromodichloromethane  
Concen: 21.338 ug/l  
RT: 9.882 min Scan# 1349  
Delta R.T. -0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

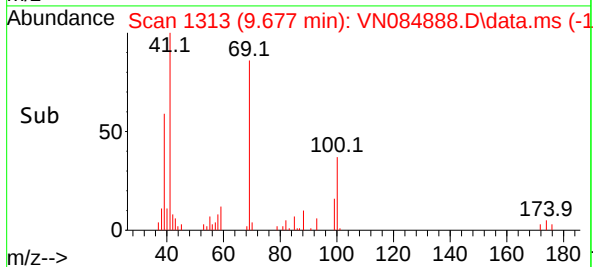
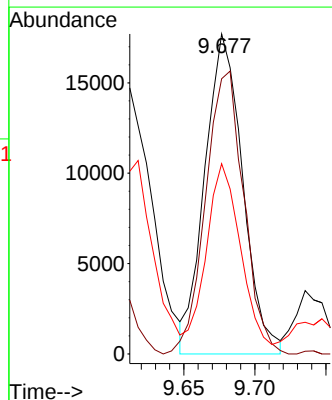
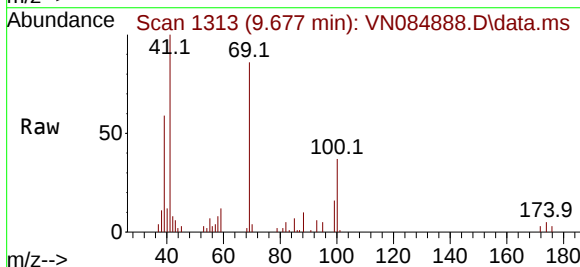
Instrument :  
MSVOA\_N  
ClientSampleId :

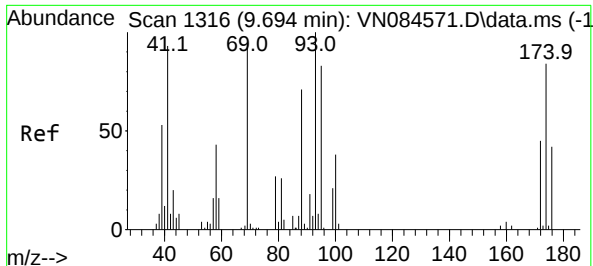
Tgt Ion: 83 Resp: 51947  
Ion Ratio Lower Upper  
83 100  
85 63.2 51.5 77.3  
127 9.6 5.7 8.5#



#48  
Methyl methacrylate  
Concen: 21.361 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 41 Resp: 32771  
Ion Ratio Lower Upper  
41 100  
69 89.2 67.1 100.7  
39 55.4 45.8 68.6





#49

1,4-Dioxane

Concen: 434.092 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA\_N

ClientSampleId :

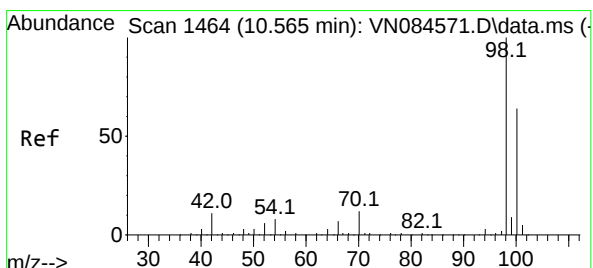
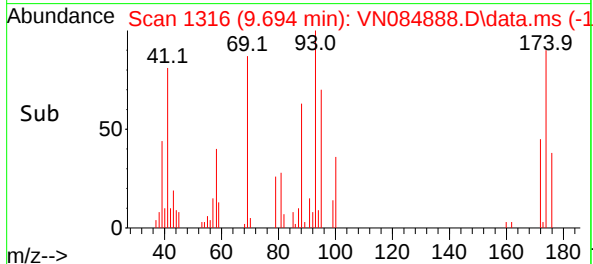
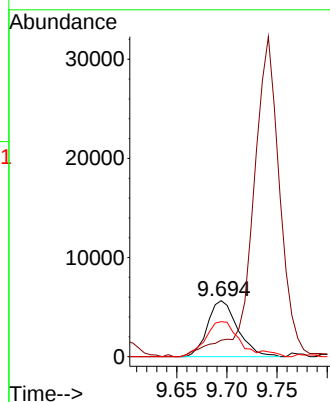
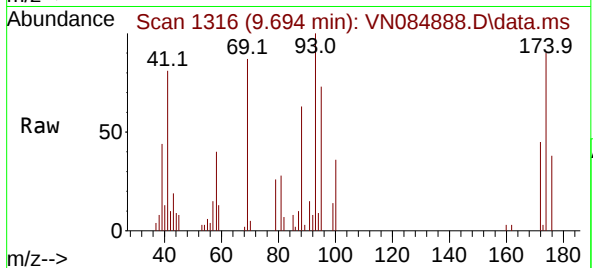
Tgt Ion: 88 Resp: 11801

Ion Ratio Lower Upper

88 100

43 0.0 25.3 37.9#

58 71.8 56.4 84.6



#50

Toluene-d8

Concen: 45.761 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084888.D

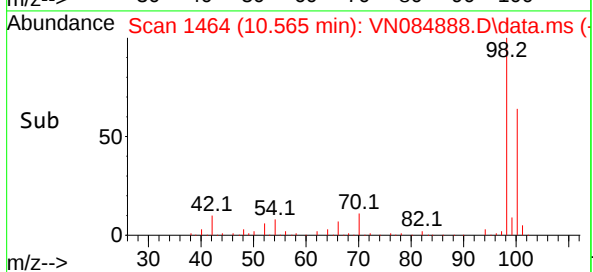
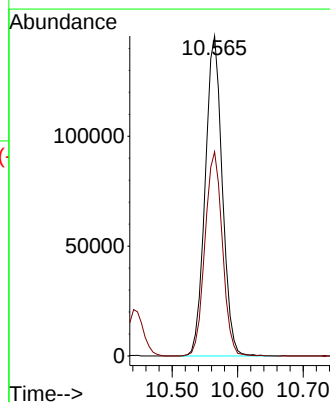
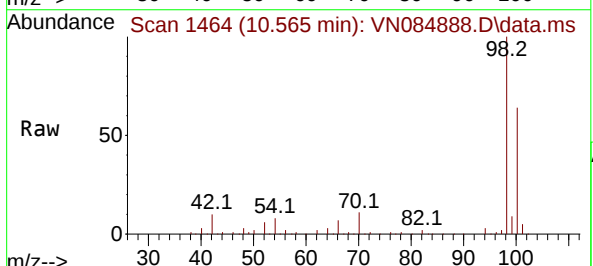
Acq: 17 Nov 2024 12:25

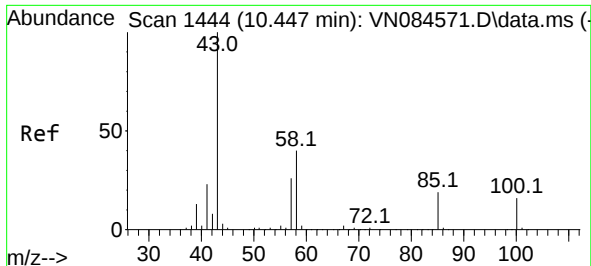
Tgt Ion: 98 Resp: 264068

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1

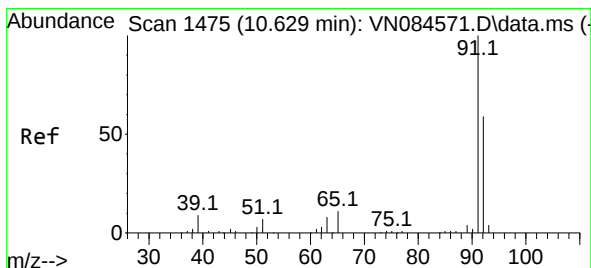
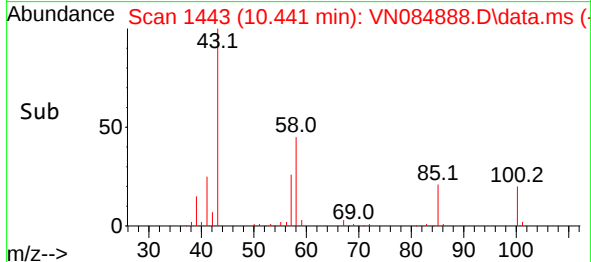
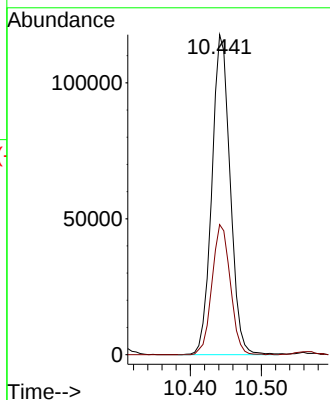
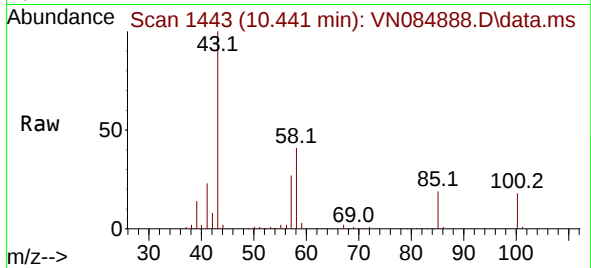




#51  
4-Methyl-2-Pentanone  
Concen: 111.825 ug/l  
RT: 10.441 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

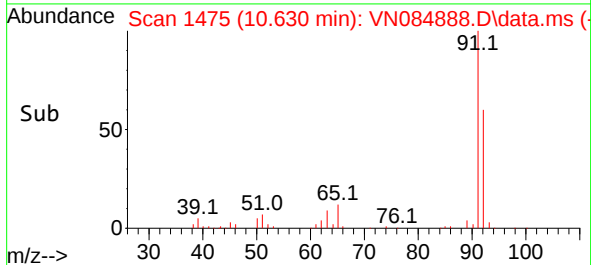
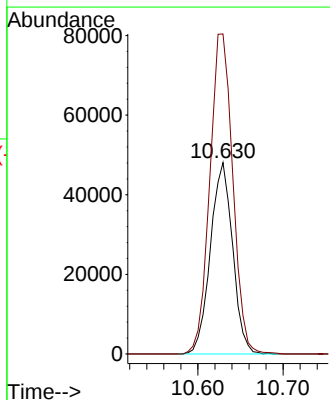
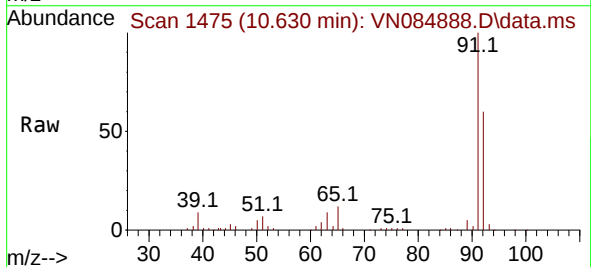
Instrument :  
MSVOA\_N  
ClientSampleId :

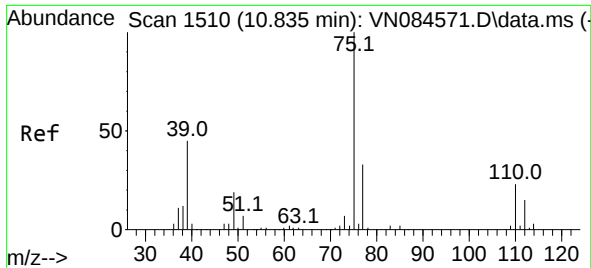
Tgt Ion: 43 Resp: 210133  
Ion Ratio Lower Upper  
43 100  
58 40.8 31.6 47.4



#52  
Toluene  
Concen: 21.320 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 92 Resp: 86999  
Ion Ratio Lower Upper  
92 100  
91 173.4 137.3 205.9

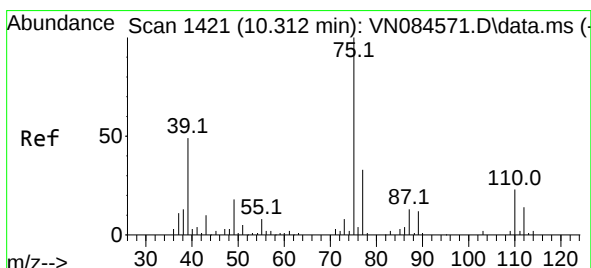
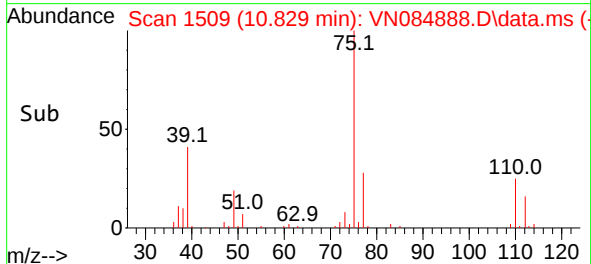
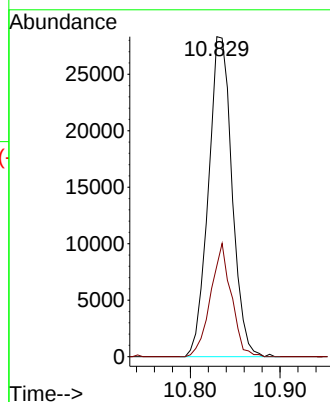
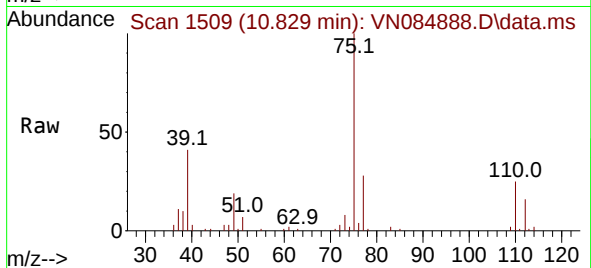




#53  
 t-1,3-Dichloropropene  
 Concen: 20.554 ug/l  
 RT: 10.829 min Scan# 1509  
 Delta R.T. -0.006 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

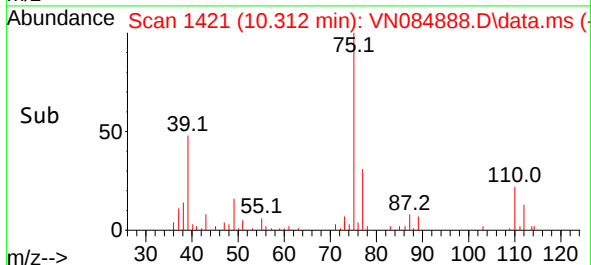
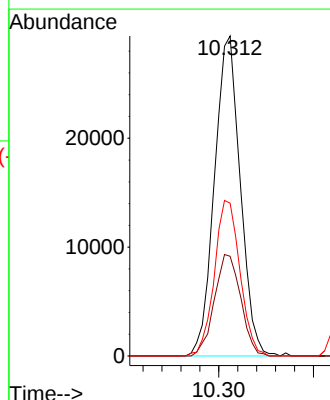
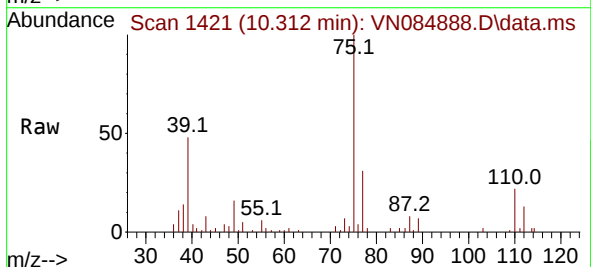
Instrument :  
 MSVOA\_N  
 ClientSampleId :

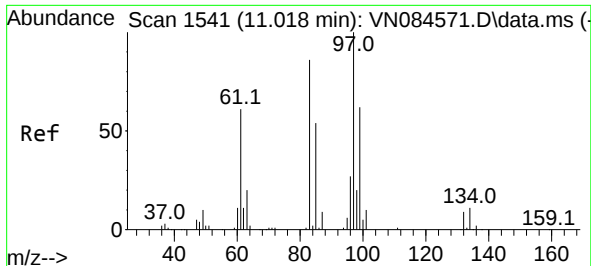
Tgt Ion: 75 Resp: 51795  
 Ion Ratio Lower Upper  
 75 100  
 77 28.4 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.836 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

Tgt Ion: 75 Resp: 55571  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 24.2 36.2  
 39 47.8 38.7 58.1



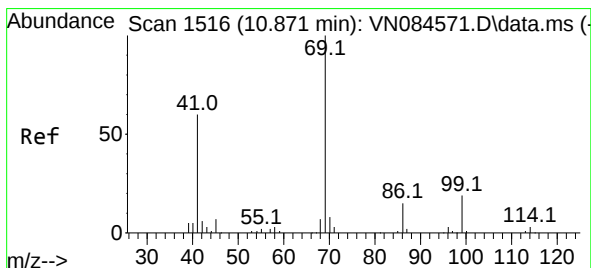
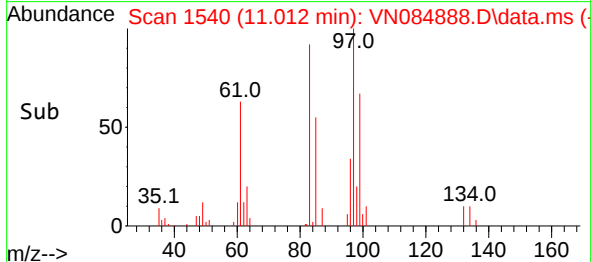
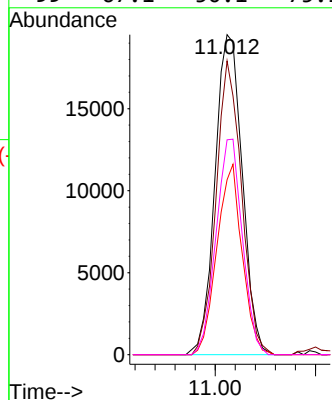
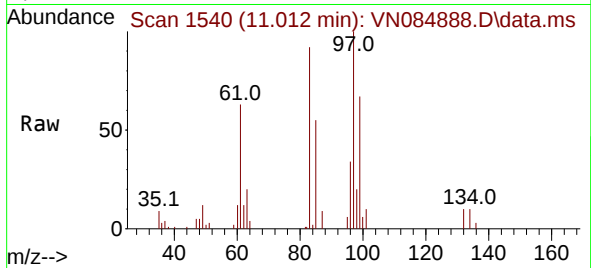


#55  
1,1,2-Trichloroethane  
Concen: 23.993 ug/l  
RT: 11.012 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 97 Resp: 36880

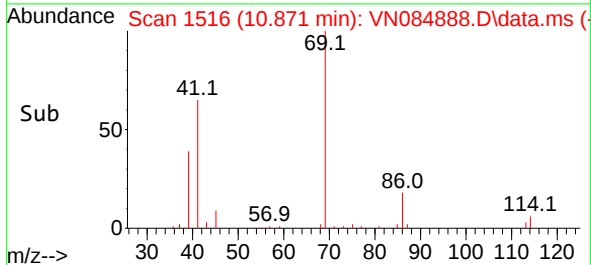
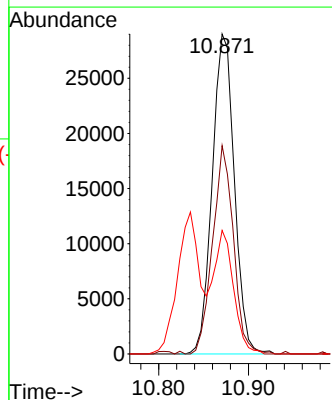
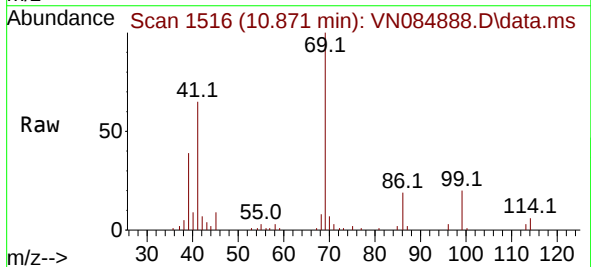
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 91.8  | 71.0  | 106.4 |
| 85  | 54.7  | 41.7  | 62.5  |
| 99  | 67.1  | 50.1  | 75.1  |

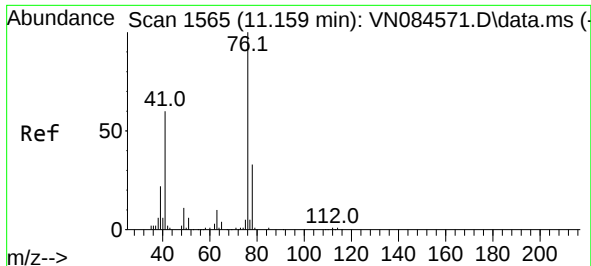


#56  
Ethyl methacrylate  
Concen: 22.344 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 69 Resp: 49679

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.4  | 53.3  | 79.9  |
| 39  | 34.7  | 28.8  | 43.2  |





#57

1,3-Dichloropropane

Concen: 24.110 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA\_N

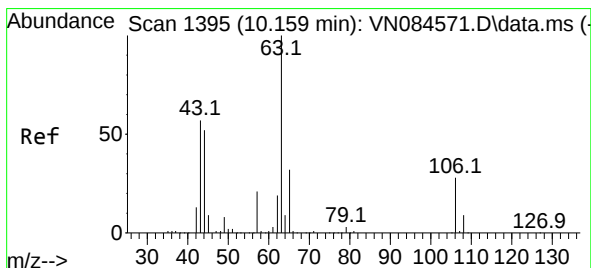
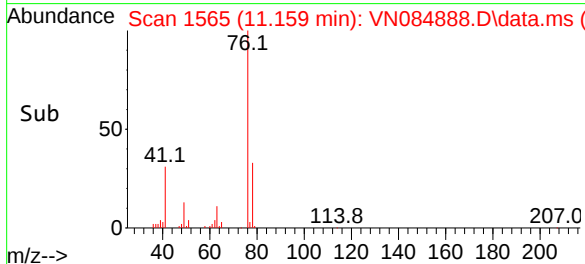
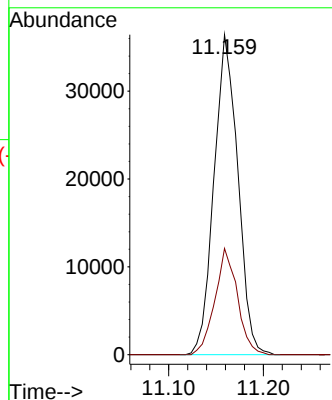
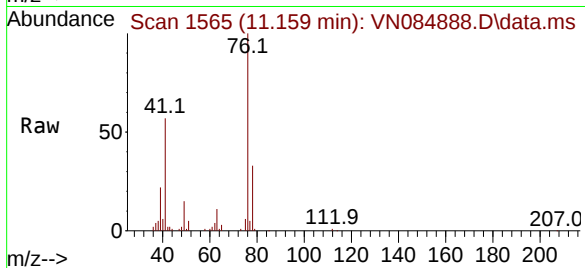
ClientSampleId :

Tgt Ion: 76 Resp: 63603

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 89.836 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084888.D

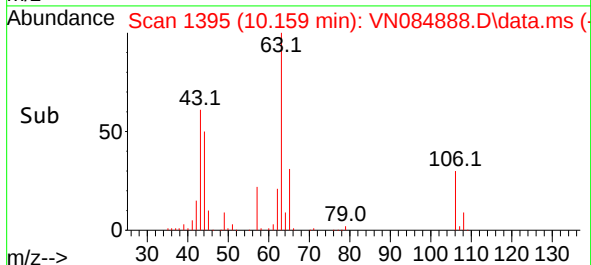
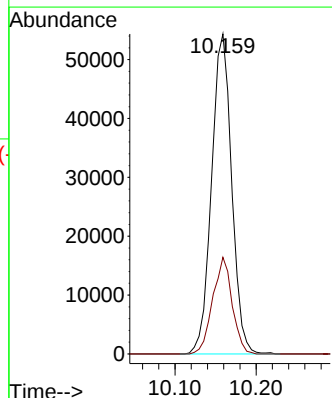
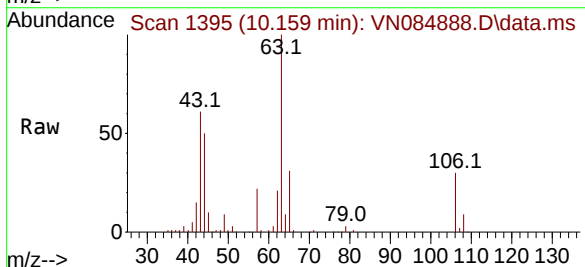
Acq: 17 Nov 2024 12:25

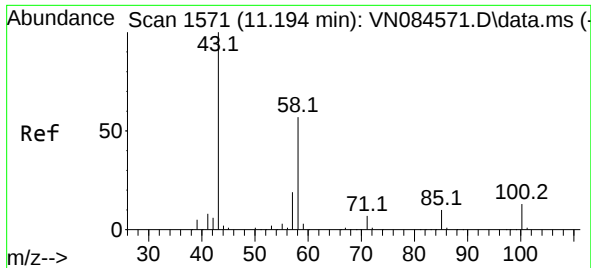
Tgt Ion: 63 Resp: 93465

Ion Ratio Lower Upper

63 100

106 29.2 21.8 32.6

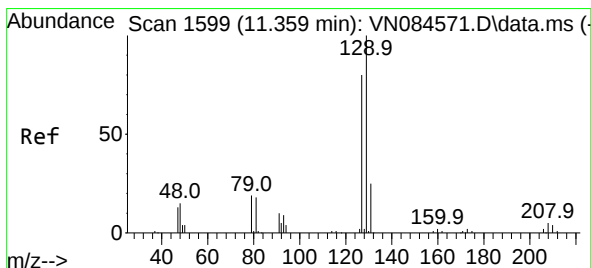
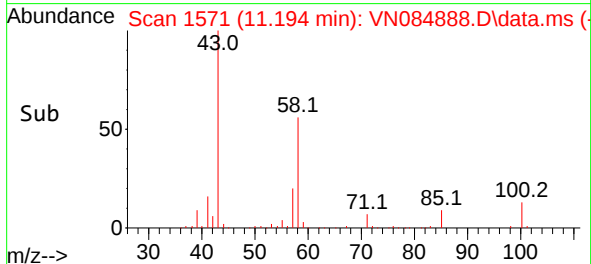
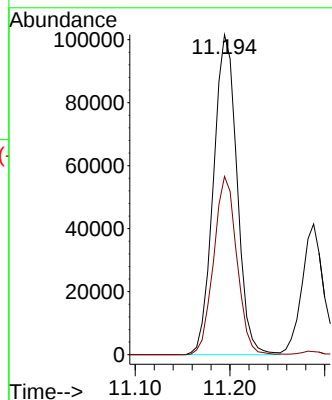
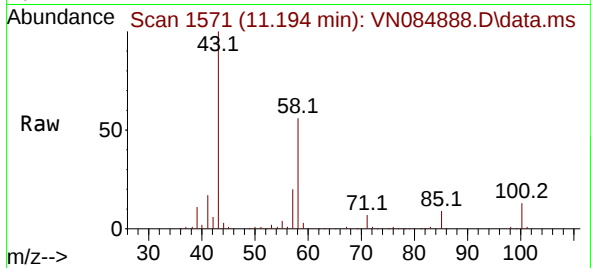




#59  
2-Hexanone  
Concen: 128.087 ug/l  
RT: 11.194 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

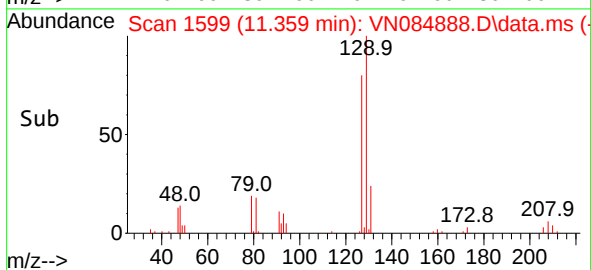
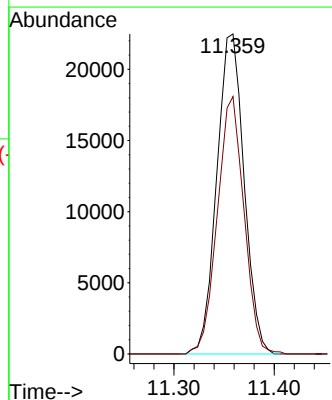
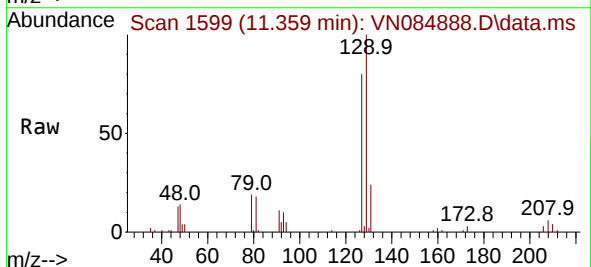
Instrument :  
MSVOA\_N  
ClientSampleId :

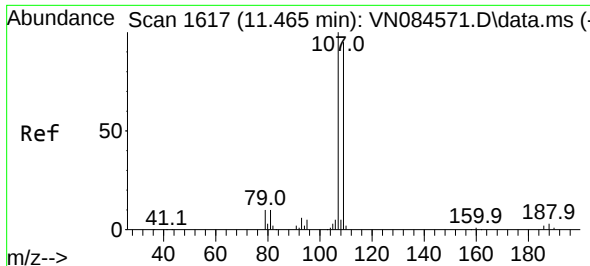
Tgt Ion: 43 Resp: 175196  
Ion Ratio Lower Upper  
43 100  
58 54.9 27.3 81.8



#60  
Dibromochloromethane  
Concen: 24.276 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion:129 Resp: 42528  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.3 114.9

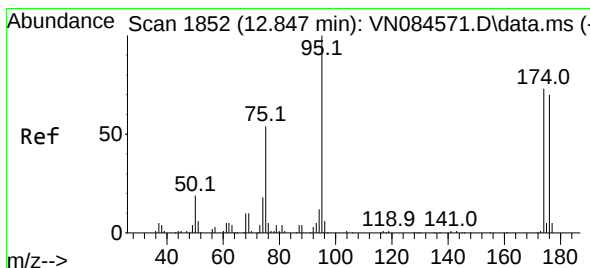
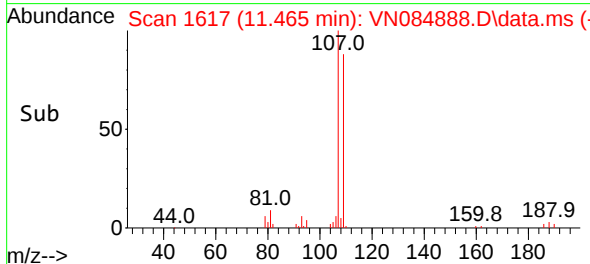
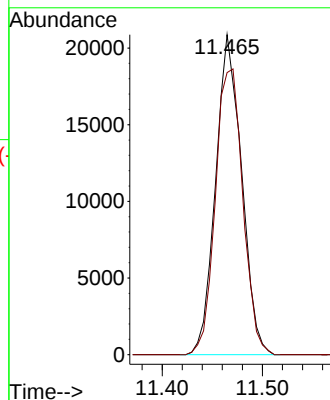
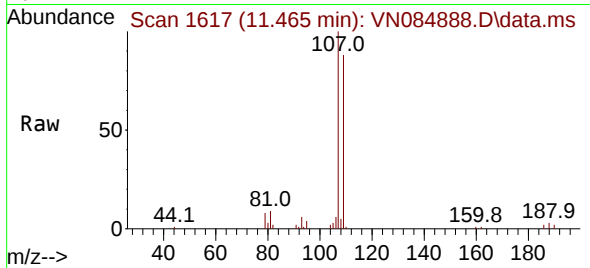




#61  
1,2-Dibromoethane  
Concen: 23.858 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

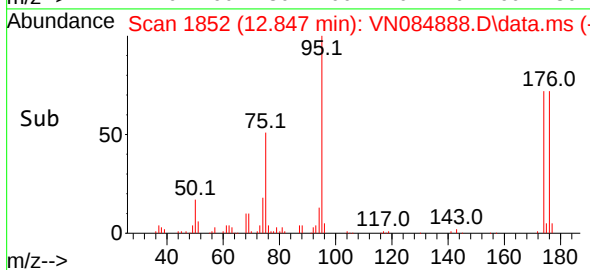
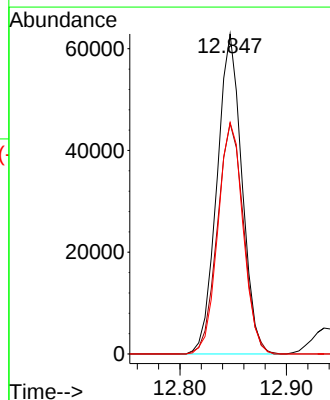
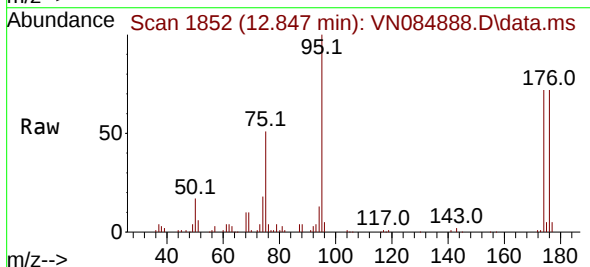
Instrument :  
MSVOA\_N  
ClientSampleId :

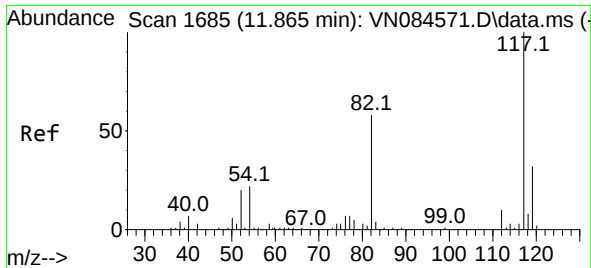
Tgt Ion:107 Resp: 37554  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 47.353 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 95 Resp: 102125  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 145.2  
176 73.0 0.0 140.0

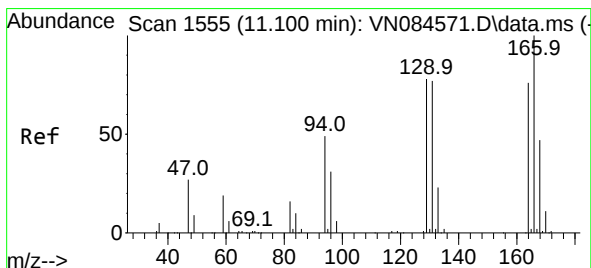
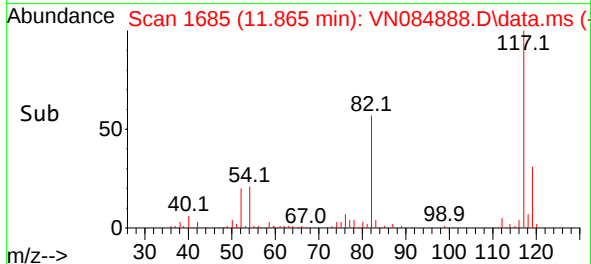
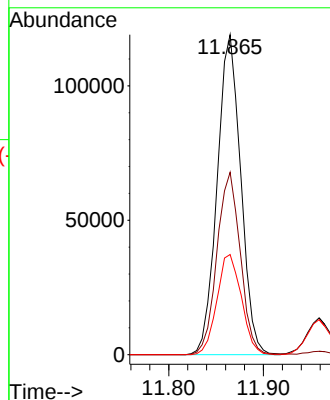
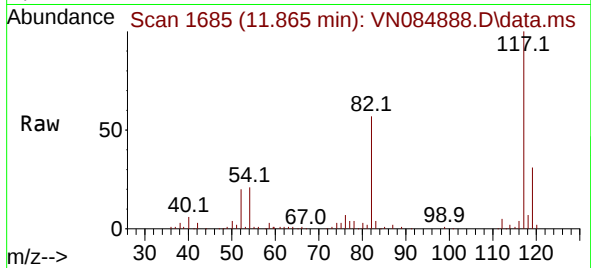




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

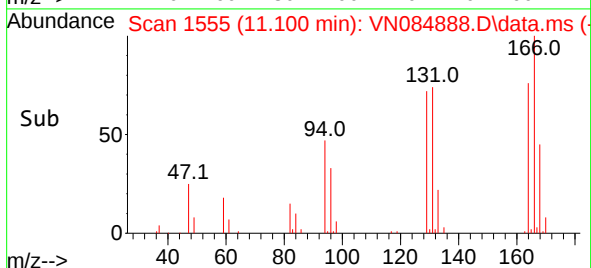
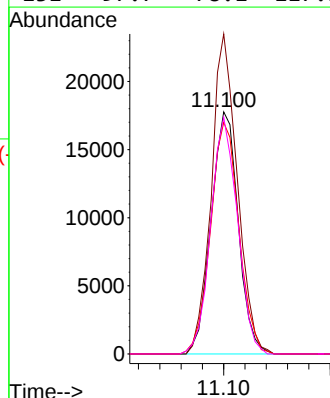
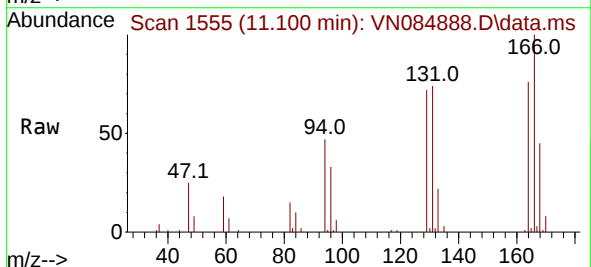
Instrument :  
MSVOA\_N  
ClientSampleId :

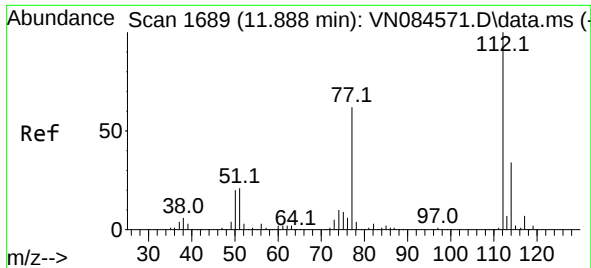
Tgt Ion:117 Resp: 206447  
Ion Ratio Lower Upper  
117 100  
82 57.0 47.2 70.8  
119 31.3 25.4 38.0



#64  
Tetrachloroethene  
Concen: 22.892 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion:164 Resp: 31436  
Ion Ratio Lower Upper  
164 100  
166 132.2 101.0 151.4  
129 95.6 80.8 121.2  
131 97.7 78.1 117.1

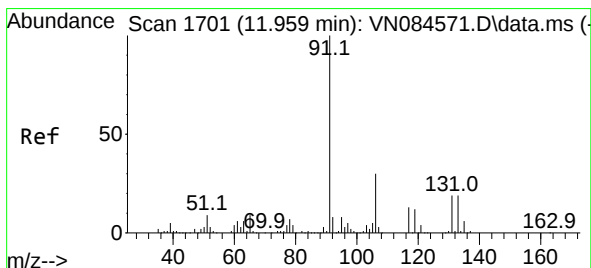
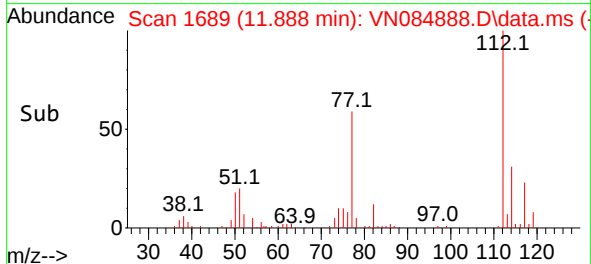
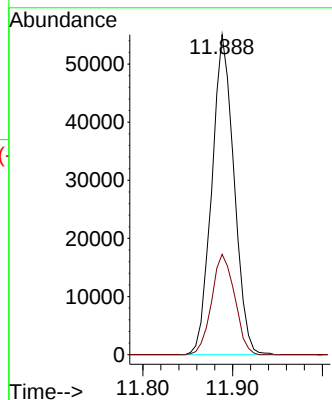
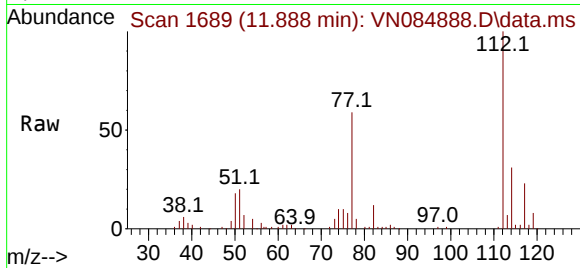




#65  
Chlorobenzene  
Concen: 20.488 ug/l  
RT: 11.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

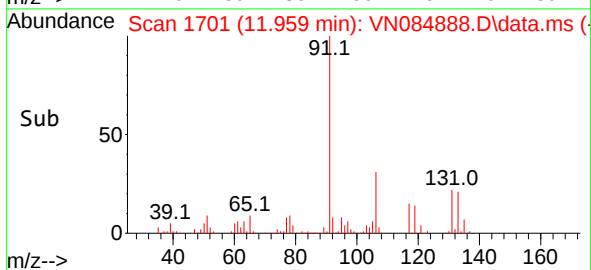
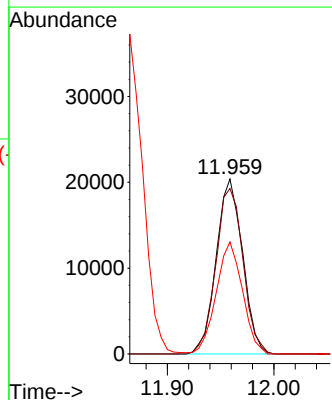
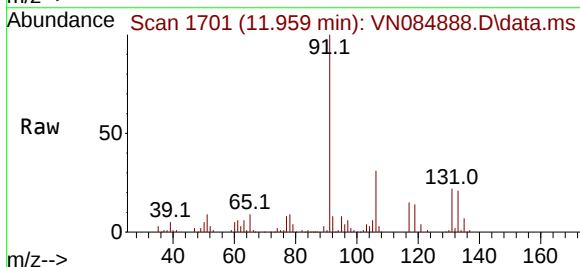
Instrument :  
MSVOA\_N  
ClientSampleId :

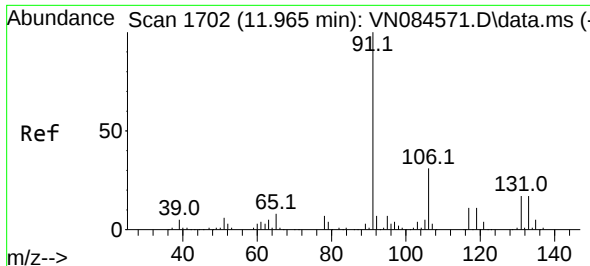
Tgt Ion:112 Resp: 94628  
Ion Ratio Lower Upper  
112 100  
114 31.3 27.0 40.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.811 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion:131 Resp: 35039  
Ion Ratio Lower Upper  
131 100  
133 97.9 47.9 143.7  
119 63.9 32.8 98.3





#67

Ethyl Benzene

Concen: 20.335 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA\_N

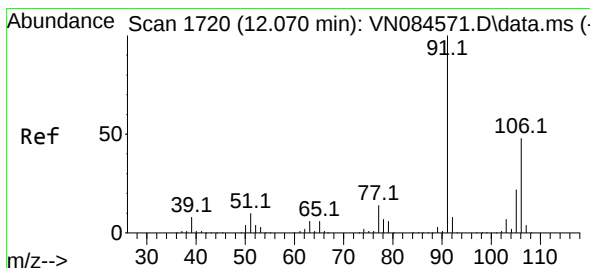
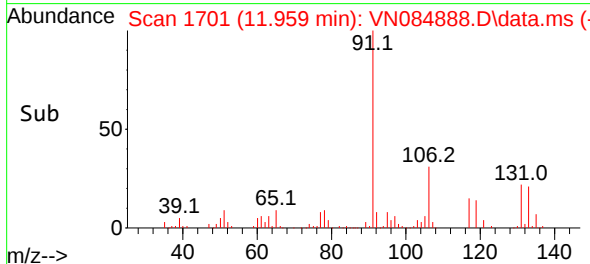
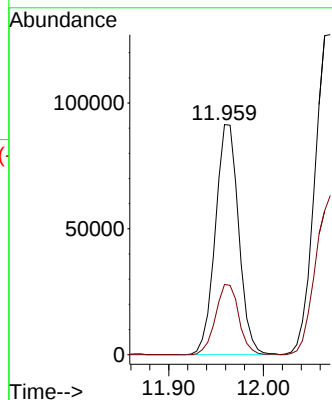
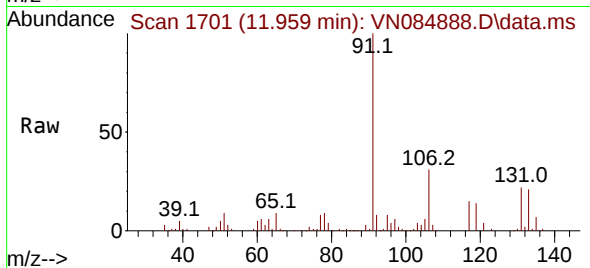
ClientSampleId :

Tgt Ion: 91 Resp: 156771

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 41.664 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN084888.D

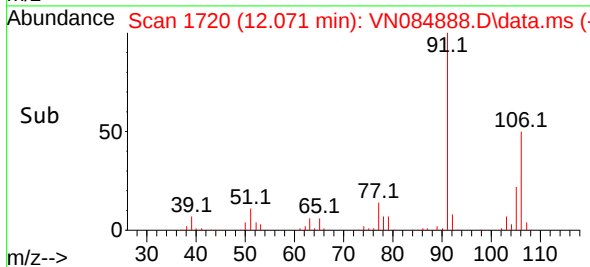
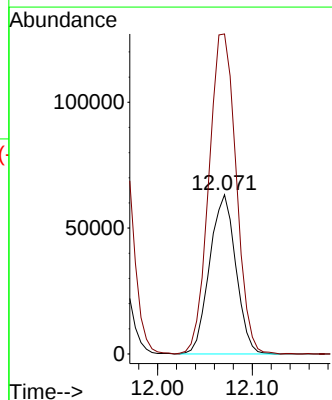
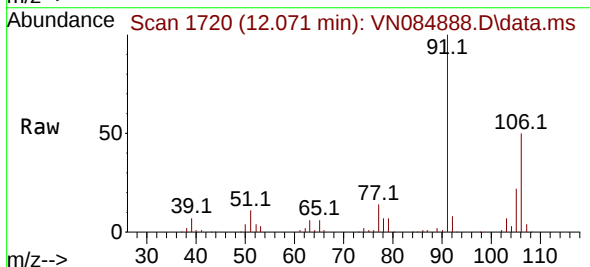
Acq: 17 Nov 2024 12:25

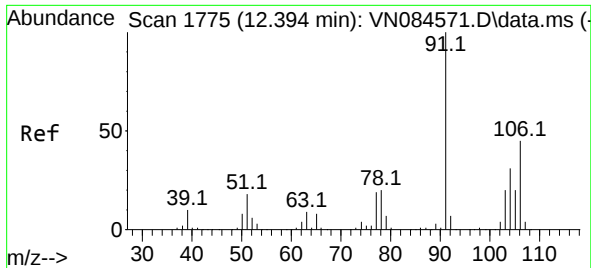
Tgt Ion:106 Resp: 121606

Ion Ratio Lower Upper

106 100

91 209.2 167.1 250.7

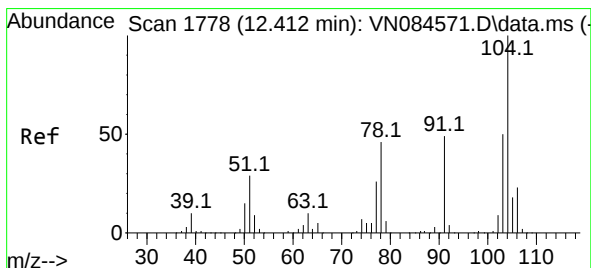
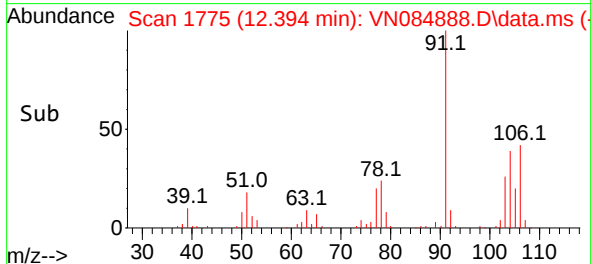
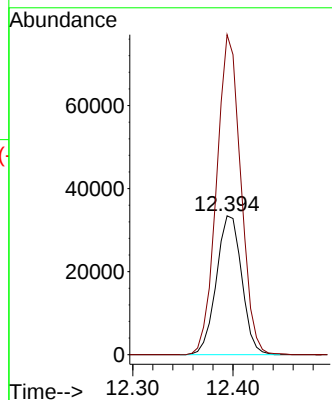
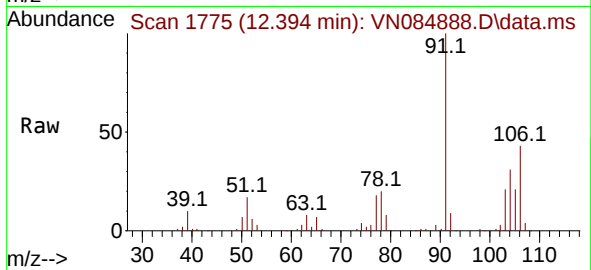




#69  
o-Xylene  
Concen: 21.510 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

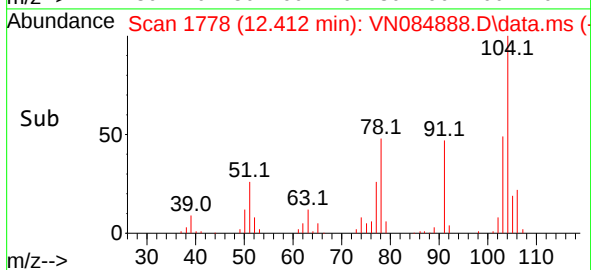
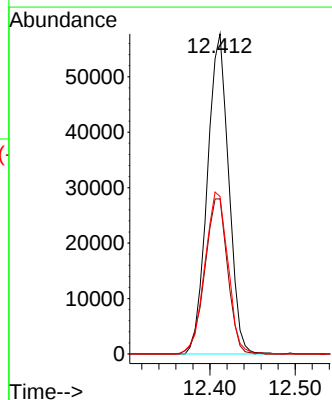
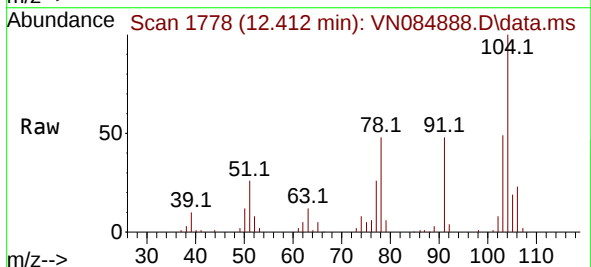
Instrument :  
MSVOA\_N  
ClientSampleId :

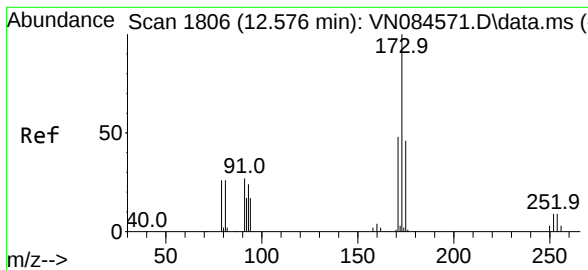
Tgt Ion:106 Resp: 58729  
Ion Ratio Lower Upper  
106 100  
91 220.1 110.2 330.6



#70  
Styrene  
Concen: 21.089 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion:104 Resp: 100446  
Ion Ratio Lower Upper  
104 100  
78 51.9 42.7 64.1  
103 54.6 43.6 65.4

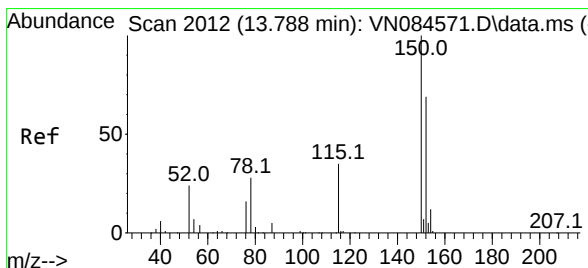
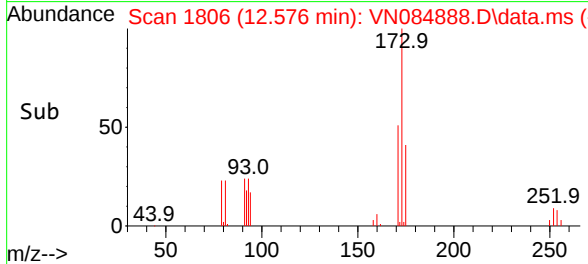
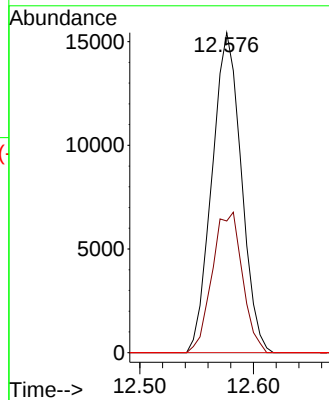
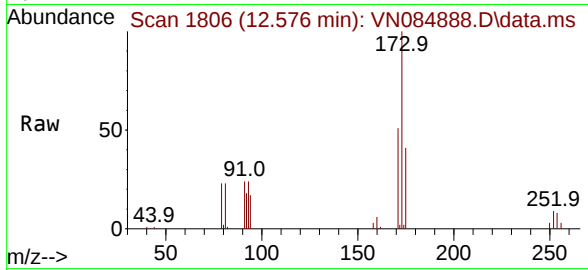




#71  
Bromoform  
Concen: 22.904 ug/l  
RT: 12.576 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

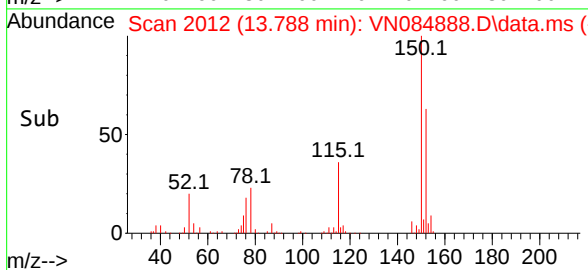
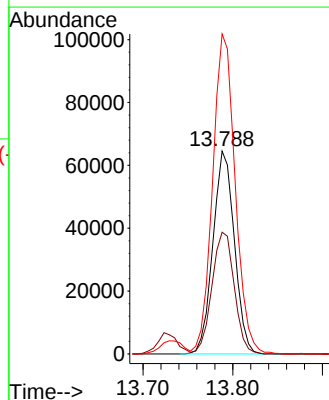
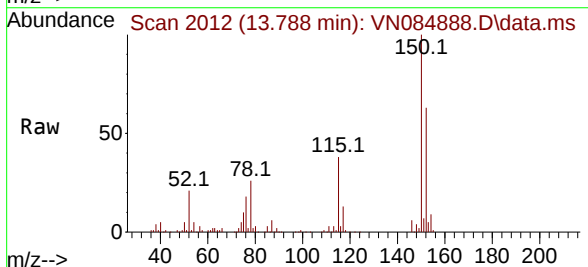
Instrument :  
MSVOA\_N  
ClientSampleId :

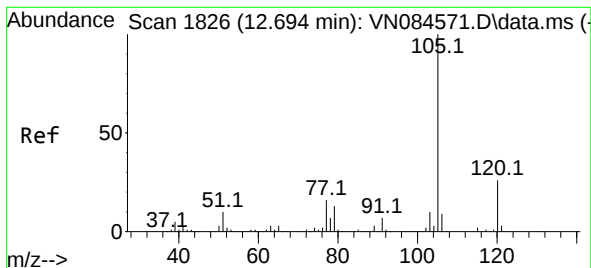
Tgt Ion:173 Resp: 27687  
Ion Ratio Lower Upper  
173 100  
175 45.2 23.5 70.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion:152 Resp: 107306  
Ion Ratio Lower Upper  
152 100  
115 62.4 31.3 93.9  
150 165.5 0.0 349.8





#73

Isopropylbenzene

Concen: 19.371 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA\_N

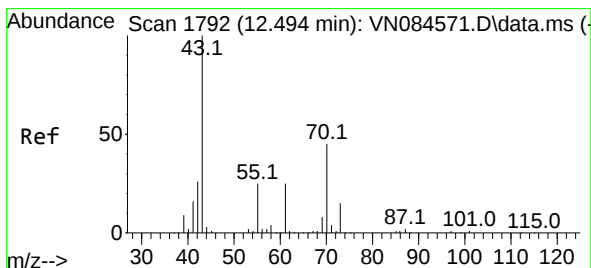
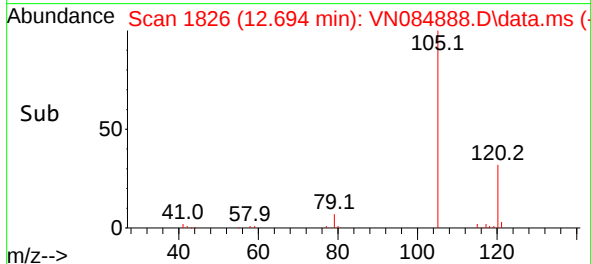
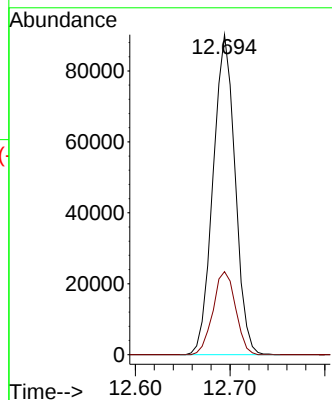
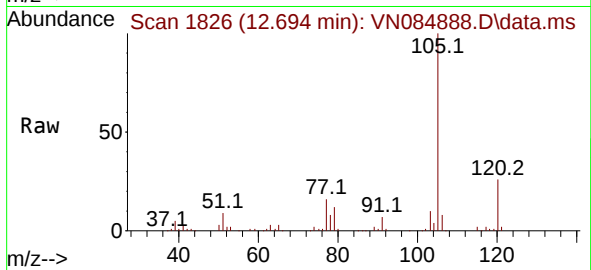
ClientSampleId :

Tgt Ion:105 Resp: 145662

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.7



#74

N-ethyl acetate

Concen: 19.132 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Tgt Ion: 43 Resp: 61232

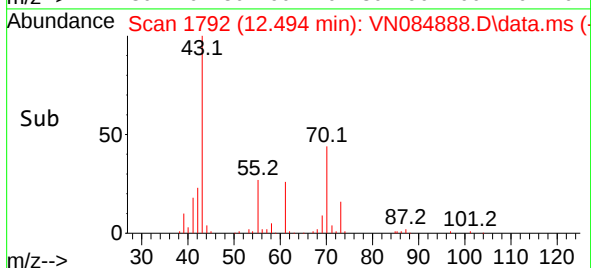
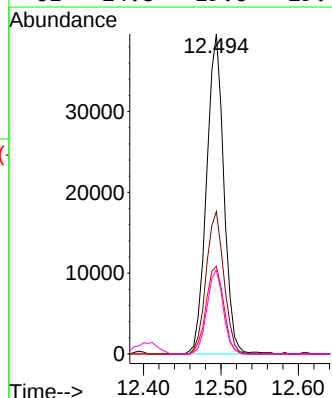
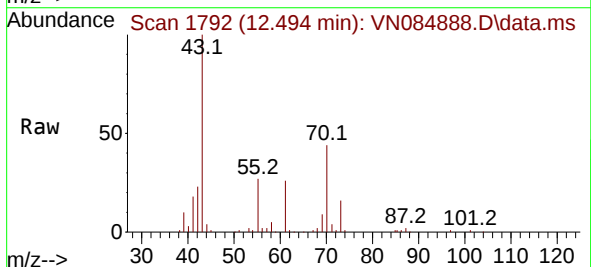
Ion Ratio Lower Upper

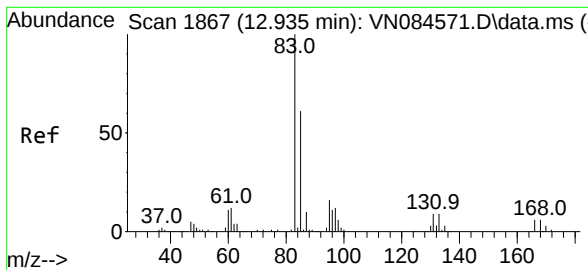
43 100

70 45.7 34.4 51.6

55 28.0 19.6 29.4

61 24.8 19.6 29.4

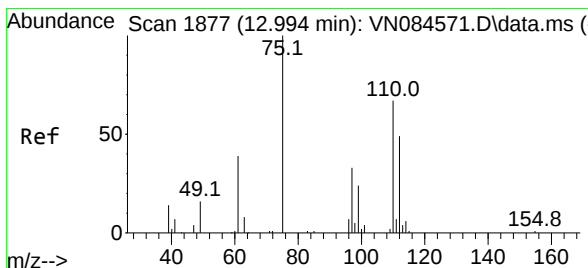
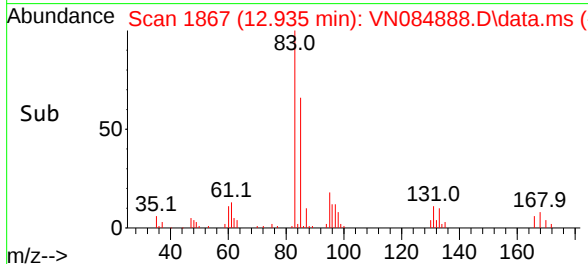
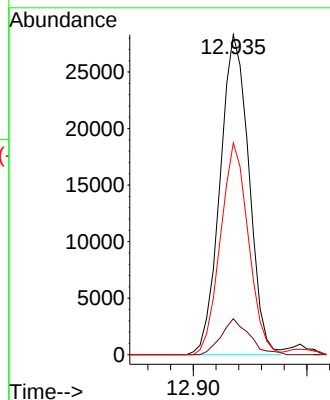
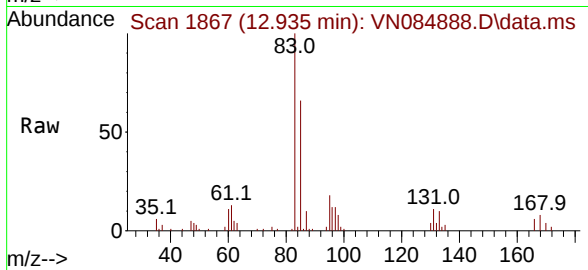




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.870 ug/l  
 RT: 12.935 min Scan# 1867  
 Delta R.T. 0.000 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

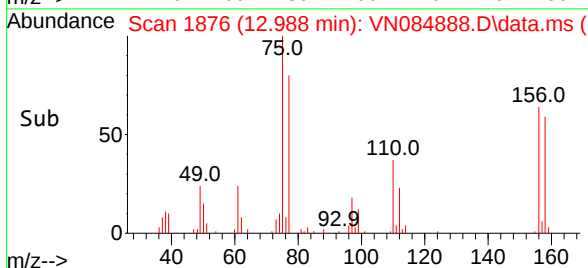
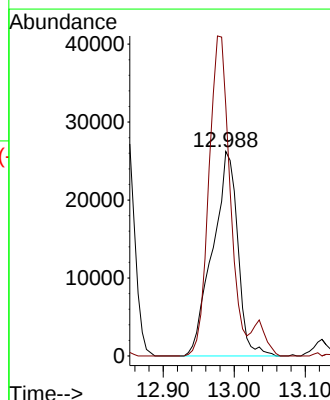
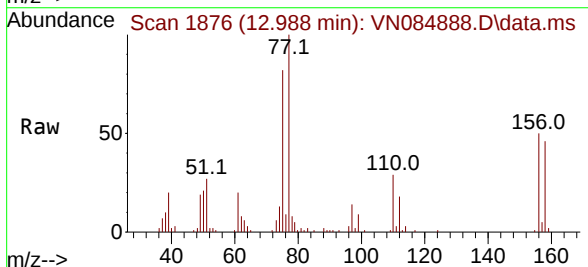
Instrument :  
 MSVOA\_N  
 ClientSampleId :

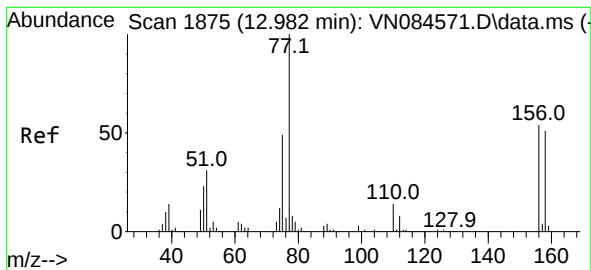
Tgt Ion: 83 Resp: 49874  
 Ion Ratio Lower Upper  
 83 100  
 131 10.9 4.9 14.7  
 85 64.3 31.9 95.7



#76  
 1,2,3-Trichloropropane  
 Concen: 29.977 ug/l  
 RT: 12.988 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

Tgt Ion: 75 Resp: 64300  
 Ion Ratio Lower Upper  
 75 100  
 77 131.0 96.9 290.7





#77

Bromobenzene

Concen: 19.542 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN084888.D

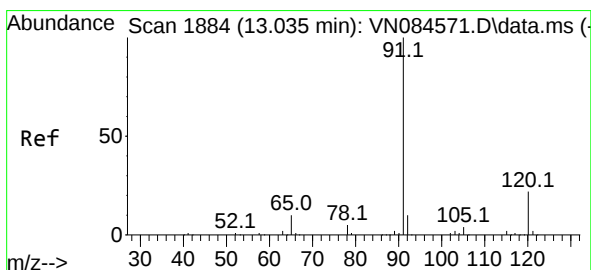
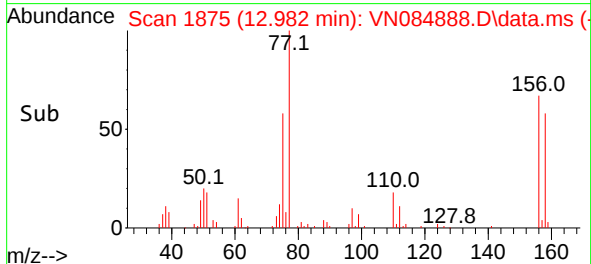
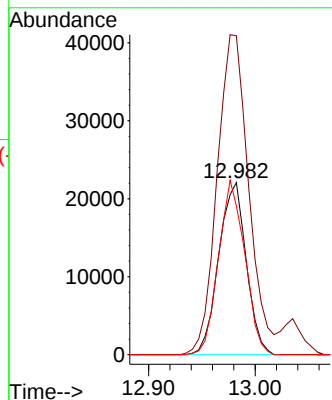
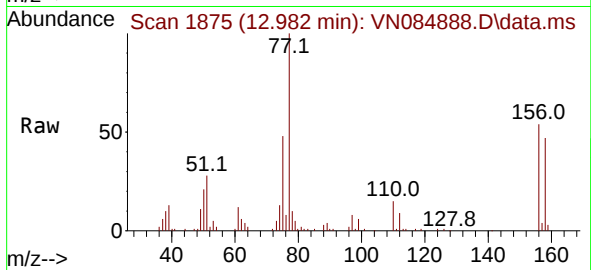
Acq: 17 Nov 2024 12:25

Instrument :

MSVOA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 39504 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 213.2 | 115.1 | 345.3 |
| 158       | 97.1  | 48.9  | 146.8 |



#78

n-propylbenzene

Concen: 19.470 ug/l

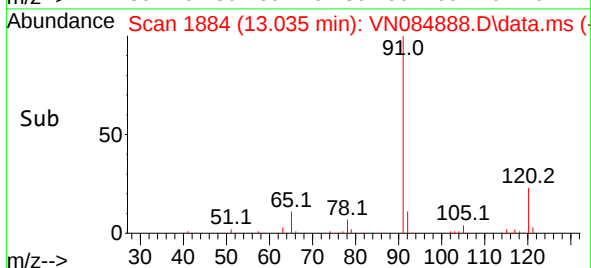
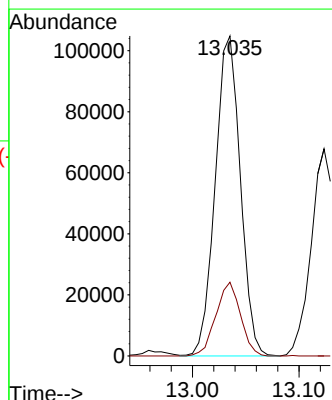
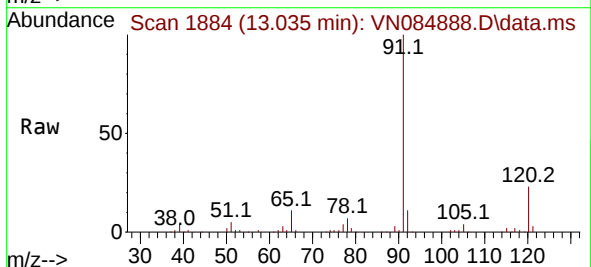
RT: 13.035 min Scan# 1884

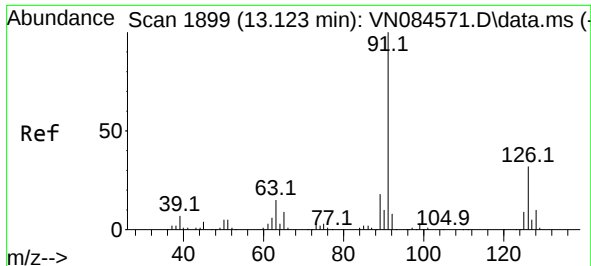
Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 171566 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.6  | 10.8  | 32.4   |

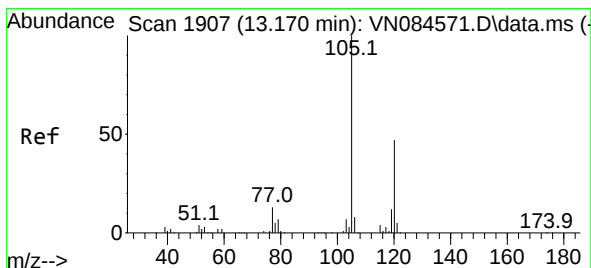
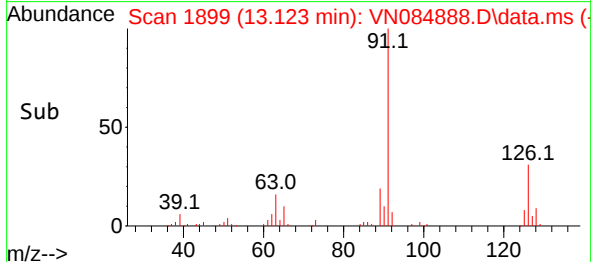
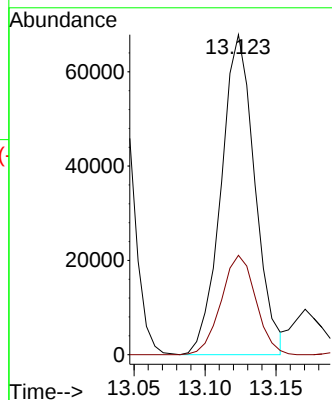
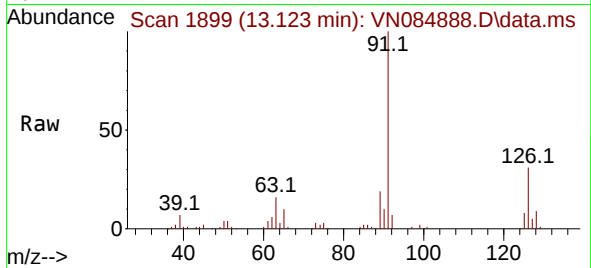




#79  
2-Chlorotoluene  
Concen: 19.524 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

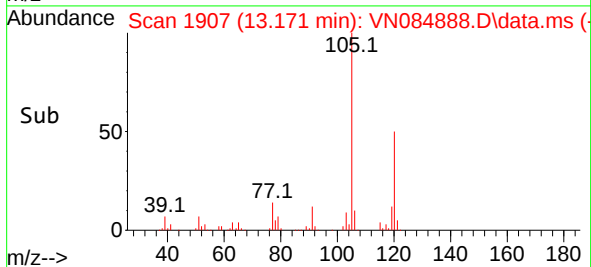
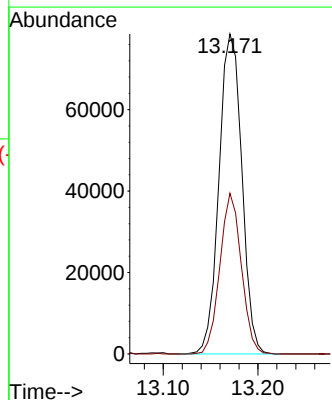
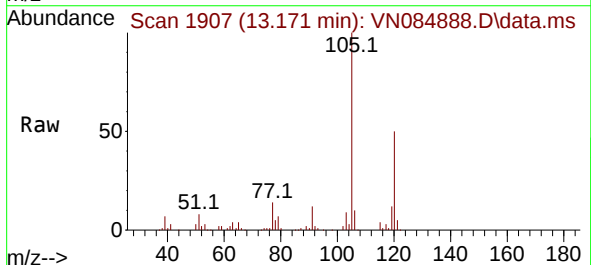
Instrument :  
MSVOA\_N  
ClientSampleId :

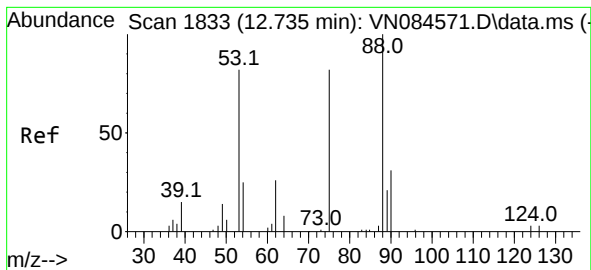
Tgt Ion: 91 Resp: 112412  
Ion Ratio Lower Upper  
91 100  
126 31.8 15.7 47.1



#80  
1,3,5-Trimethylbenzene  
Concen: 21.164 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion:105 Resp: 131903  
Ion Ratio Lower Upper  
105 100  
120 47.1 23.7 71.1

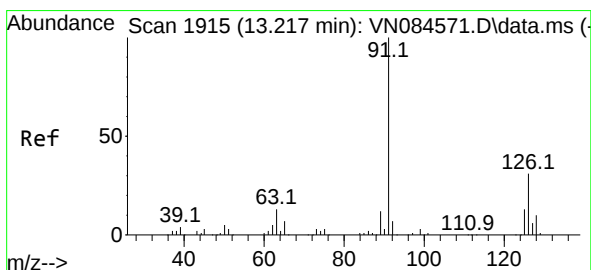
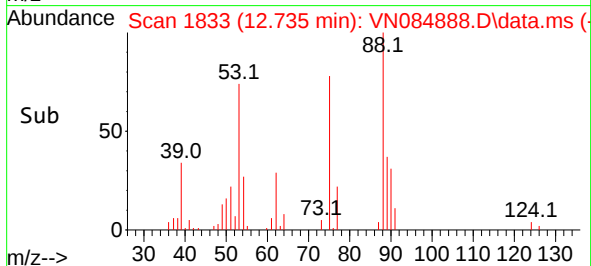
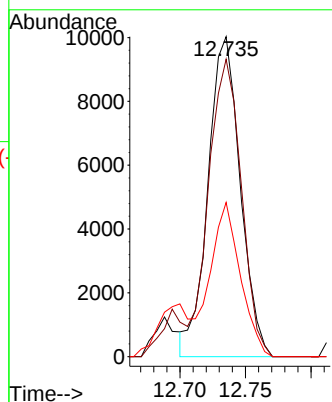
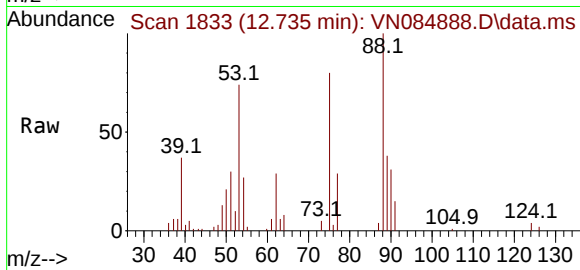




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.936 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

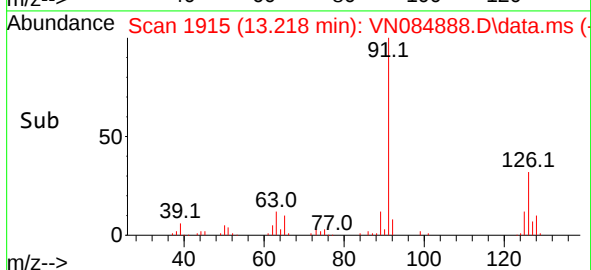
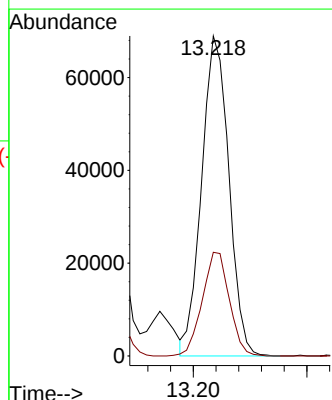
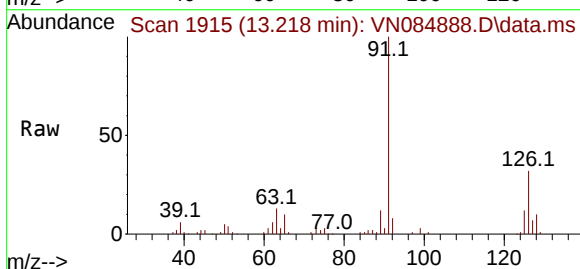
Instrument :  
MSVOA\_N  
ClientSampleId :

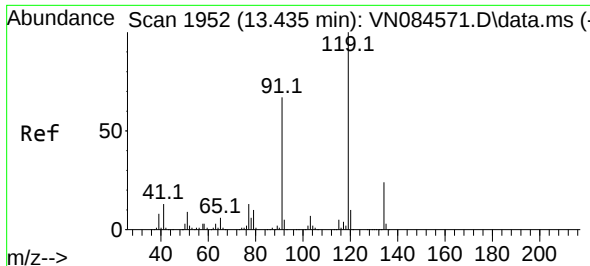
Tgt Ion: 75 Resp: 17121  
Ion Ratio Lower Upper  
75 100  
53 93.9 78.0 117.0  
89 46.5 35.5 53.3



#82  
4-Chlorotoluene  
Concen: 18.954 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 91 Resp: 114849  
Ion Ratio Lower Upper  
91 100  
126 32.2 15.7 47.1

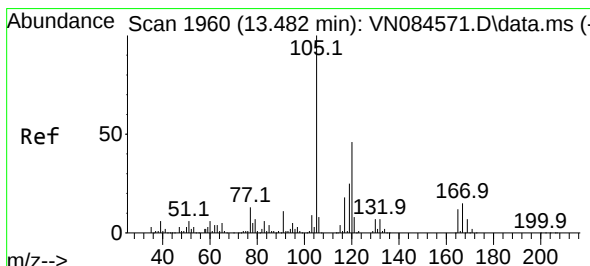
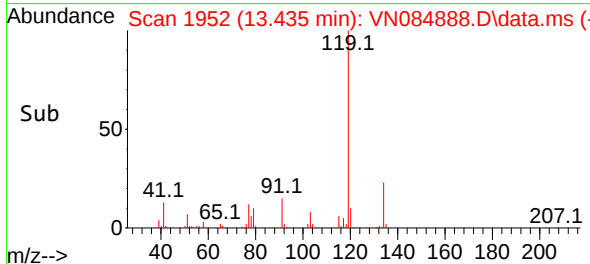
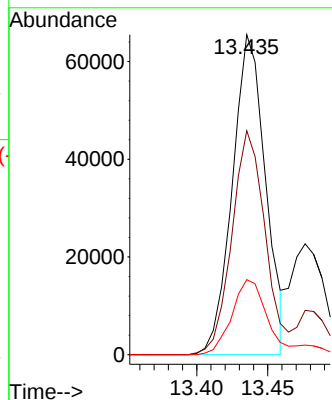
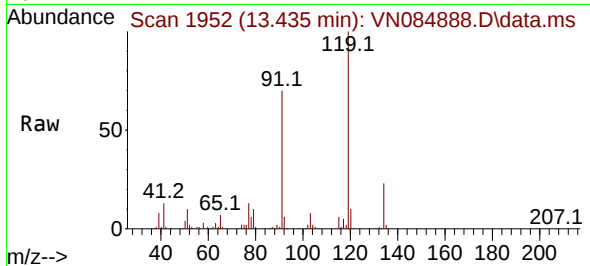




#83  
 tert-Butylbenzene  
 Concen: 20.630 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

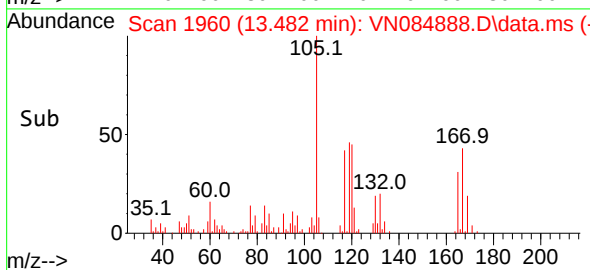
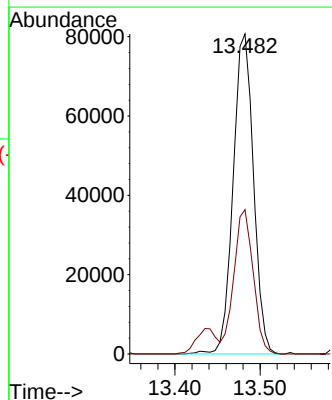
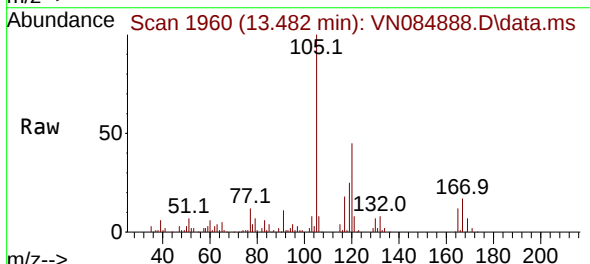
Instrument :  
 MSVOA\_N  
 ClientSampleId :

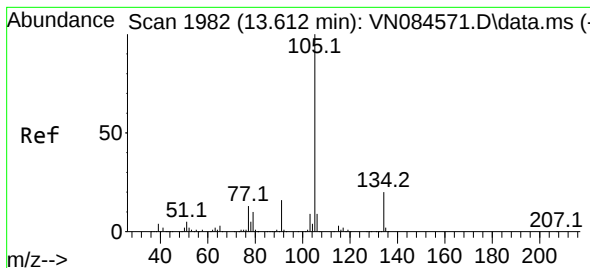
Tgt Ion:119 Resp: 106411  
 Ion Ratio Lower Upper  
 119 100  
 91 70.5 34.1 102.3  
 134 26.9 12.8 38.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.801 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. 0.000 min  
 Lab File: VN084888.D  
 Acq: 17 Nov 2024 12:25

Tgt Ion:105 Resp: 133805  
 Ion Ratio Lower Upper  
 105 100  
 120 42.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.016 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA\_N

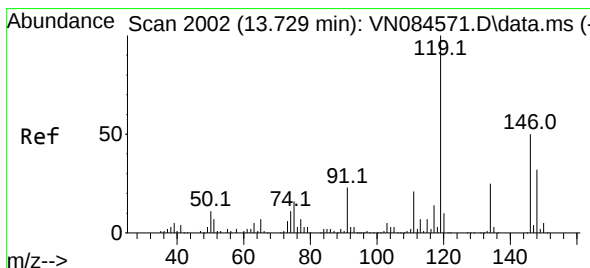
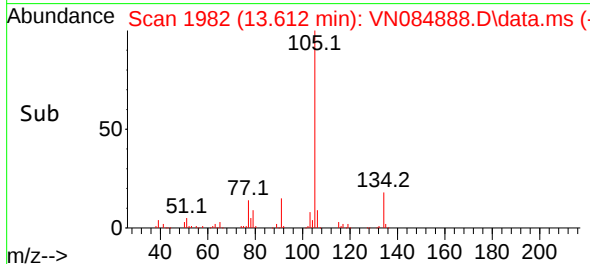
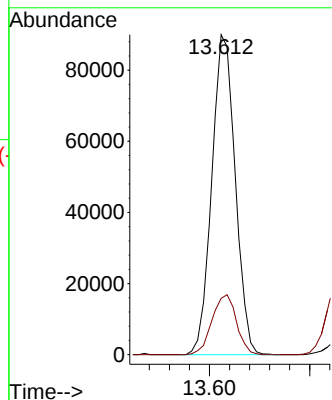
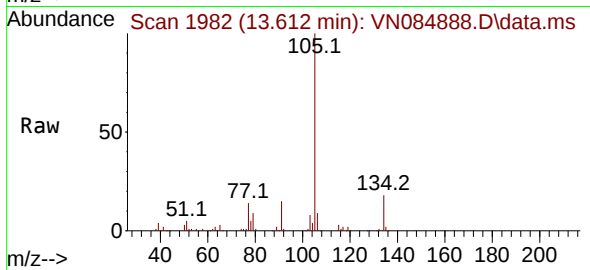
ClientSampleId :

Tgt Ion:105 Resp: 145843

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 20.520 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

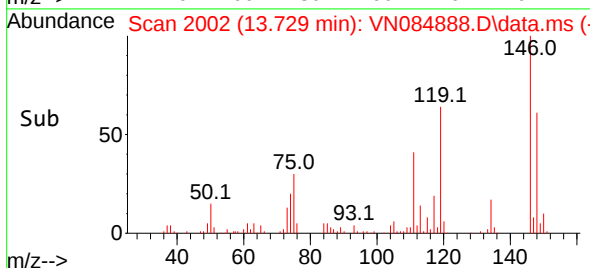
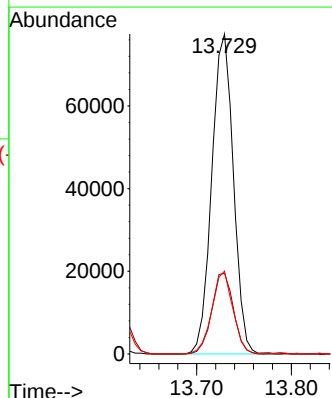
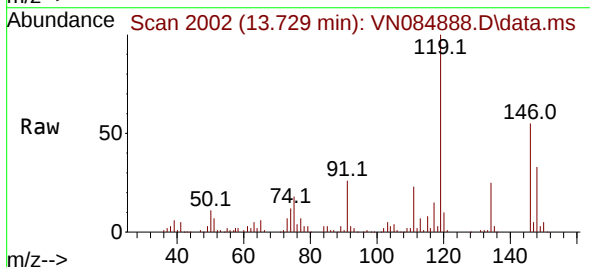
Tgt Ion:119 Resp: 122620

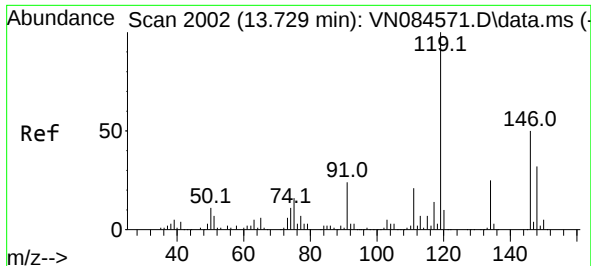
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

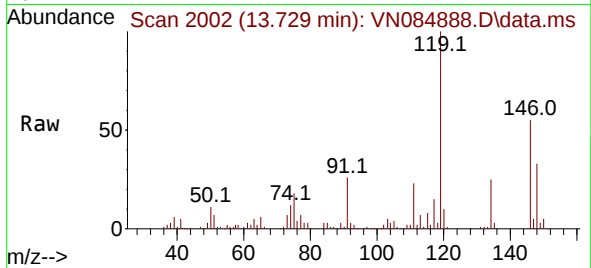
91 25.3 12.4 37.2



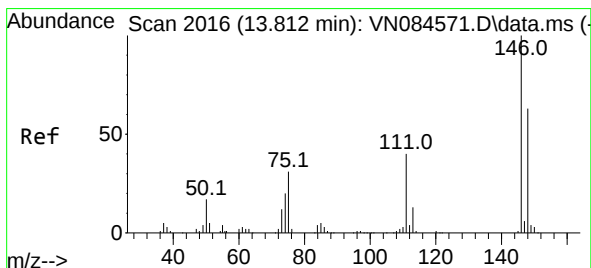
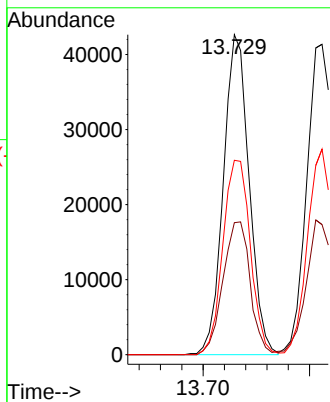
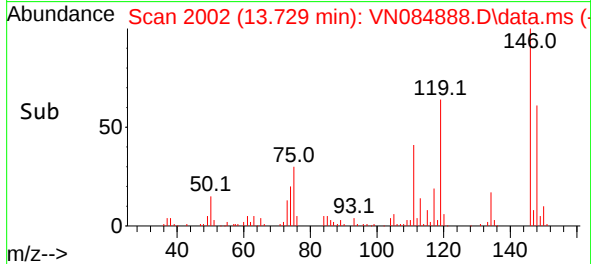


#87  
1,3-Dichlorobenzene  
Concen: 18.149 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

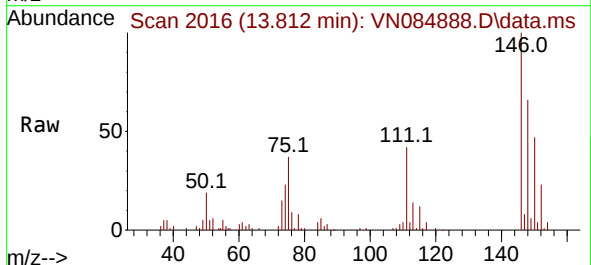
Instrument :  
MSVOA\_N  
ClientSampleId :



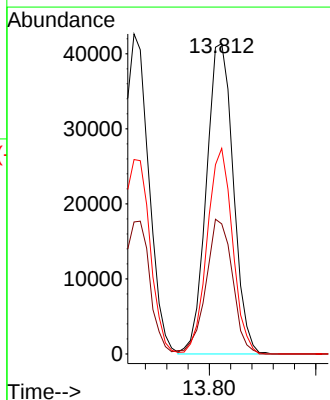
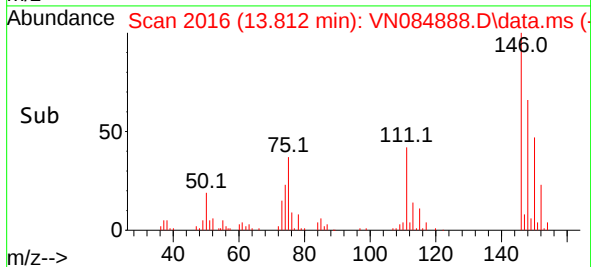
Tgt Ion:146 Resp: 71603  
Ion Ratio Lower Upper  
146 100  
111 43.7 21.8 65.3  
148 64.8 31.9 95.7

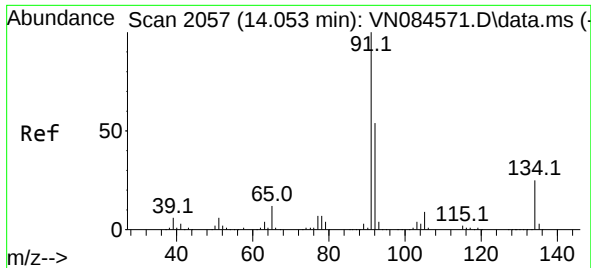


#88  
1,4-Dichlorobenzene  
Concen: 19.384 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25



Tgt Ion:146 Resp: 72663  
Ion Ratio Lower Upper  
146 100  
111 42.9 21.2 63.6  
148 62.5 31.9 95.9

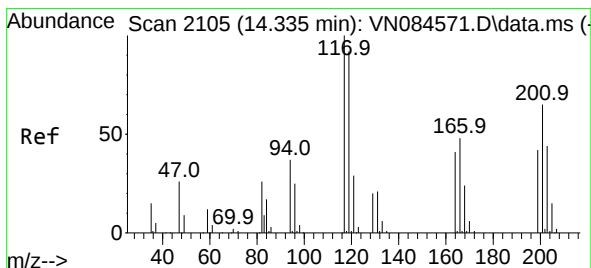
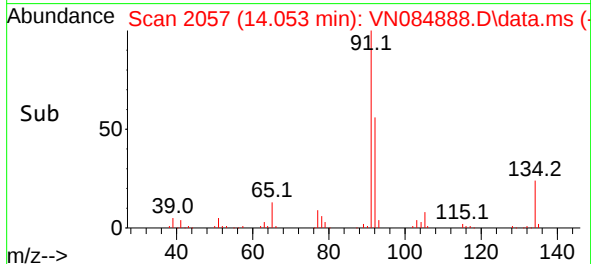
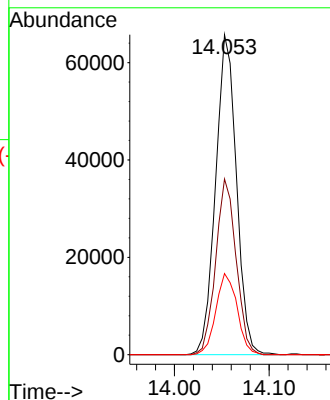
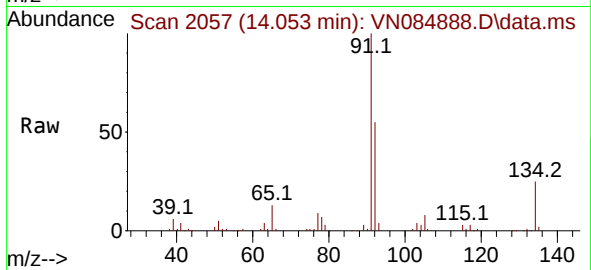




#89  
n-Butylbenzene  
Concen: 17.984 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

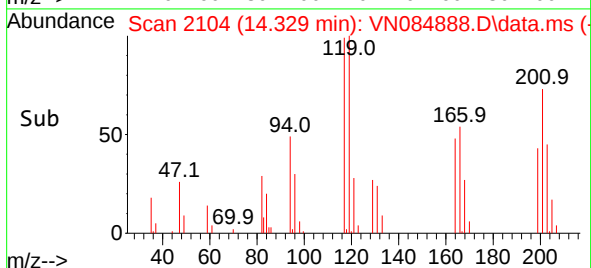
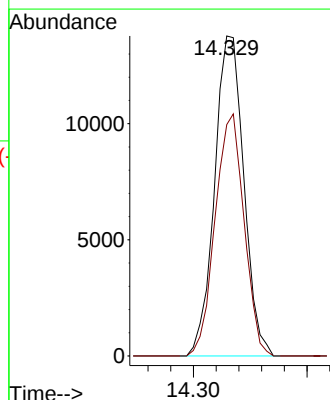
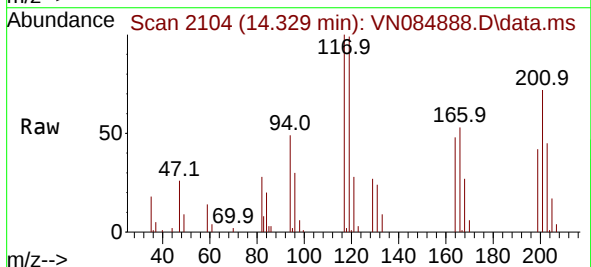
Instrument :  
MSVOA\_N  
ClientSampleId :

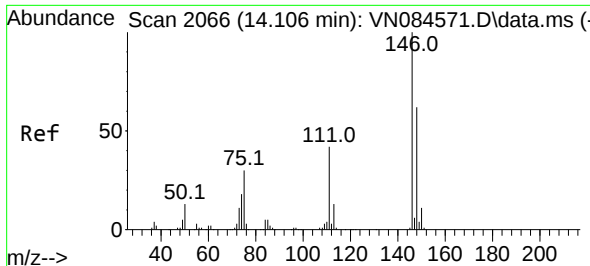
Tgt Ion: 91 Resp: 100525  
Ion Ratio Lower Upper  
91 100  
92 53.8 26.6 79.7  
134 25.8 12.3 36.9



#90  
Hexachloroethane  
Concen: 18.497 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

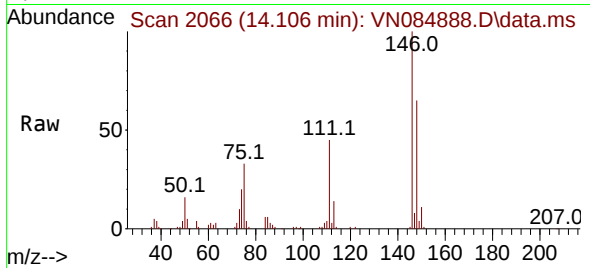
Tgt Ion: 117 Resp: 24649  
Ion Ratio Lower Upper  
117 100  
201 74.7 34.4 103.2



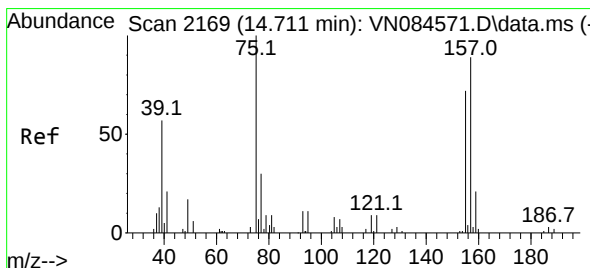
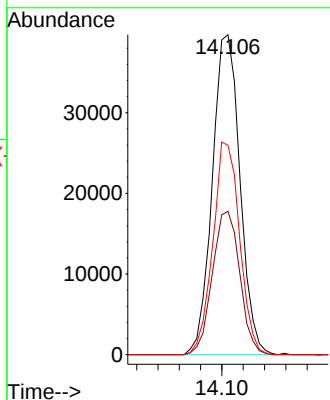
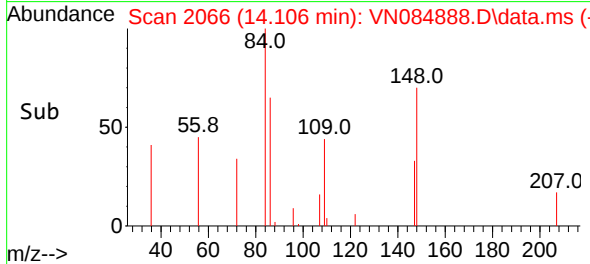


#91  
1,2-Dichlorobenzene  
Concen: 18.846 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :

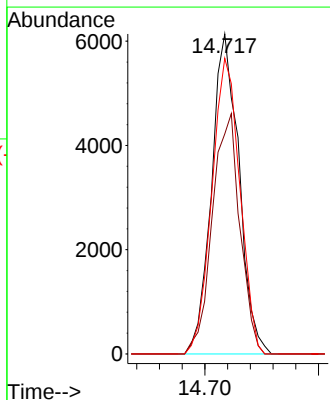
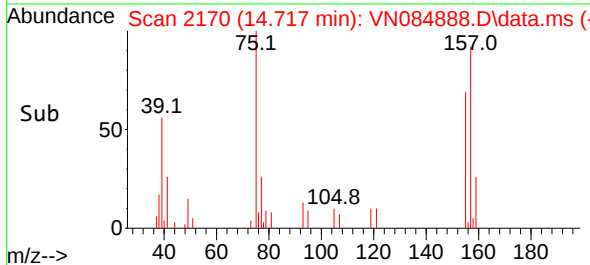
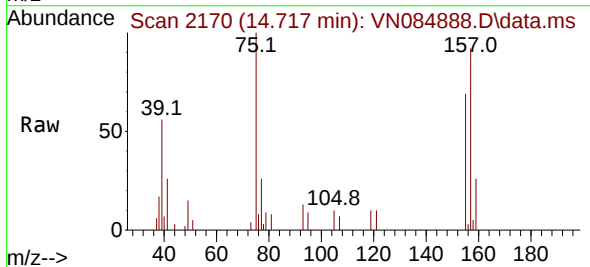


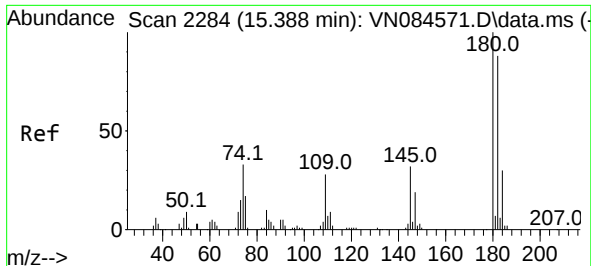
Tgt Ion:146 Resp: 71447  
Ion Ratio Lower Upper  
146 100  
111 44.4 22.0 66.0  
148 64.2 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.238 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion: 75 Resp: 10291  
Ion Ratio Lower Upper  
75 100  
155 75.6 38.1 114.5  
157 94.2 49.6 149.0

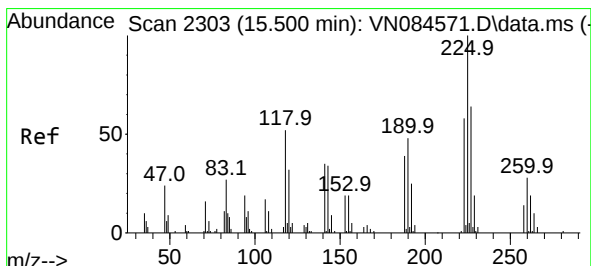
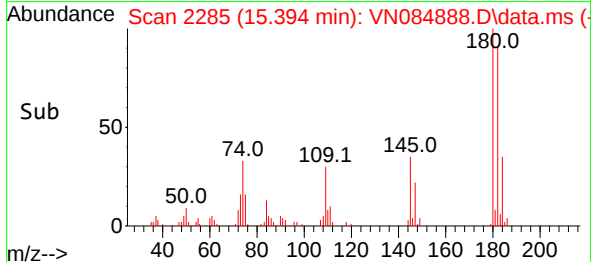
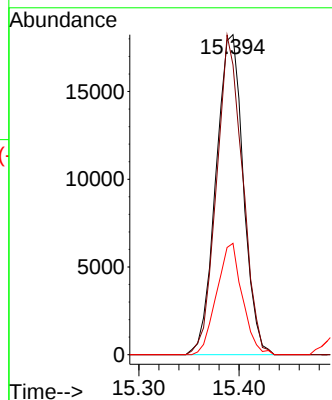
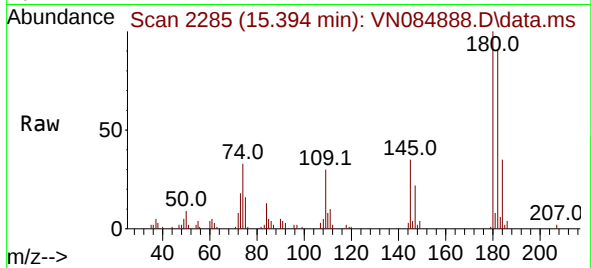




#93  
1,2,4-Trichlorobenzene  
Concen: 16.637 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

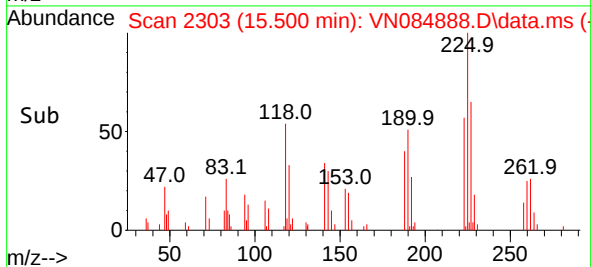
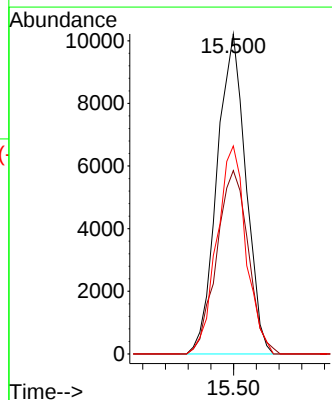
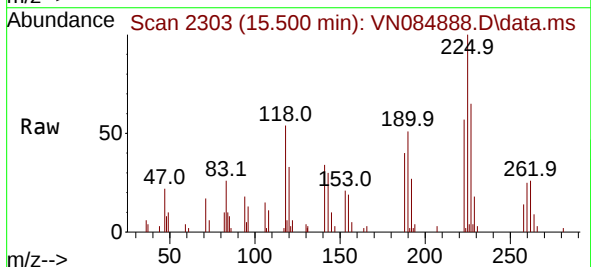
Instrument :  
MSVOA\_N  
ClientSampleId :

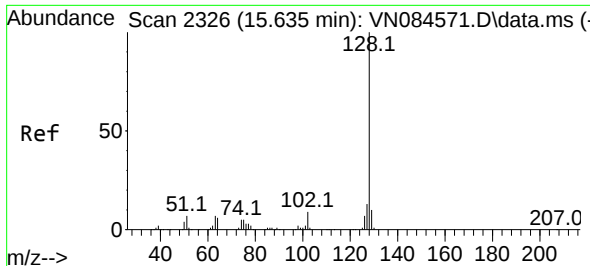
Tgt Ion:180 Resp: 34522  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.0 141.0  
145 32.7 16.4 49.4



#94  
Hexachlorobutadiene  
Concen: 19.739 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. -0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion:225 Resp: 17987  
Ion Ratio Lower Upper  
225 100  
223 63.0 32.4 97.2  
227 65.8 32.4 97.0

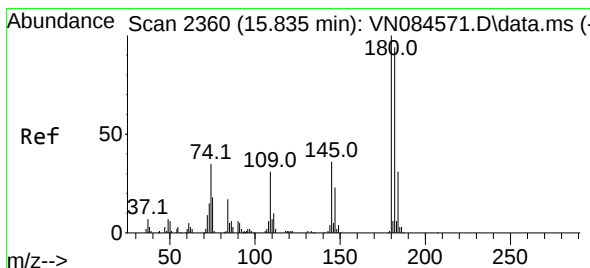
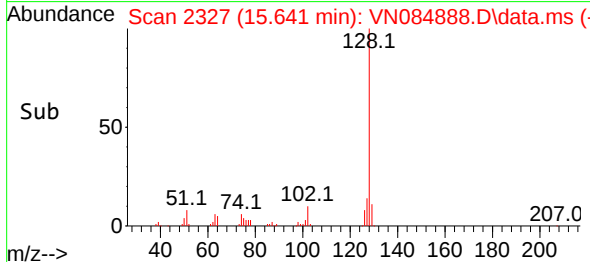
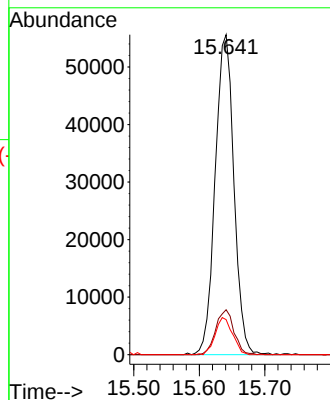
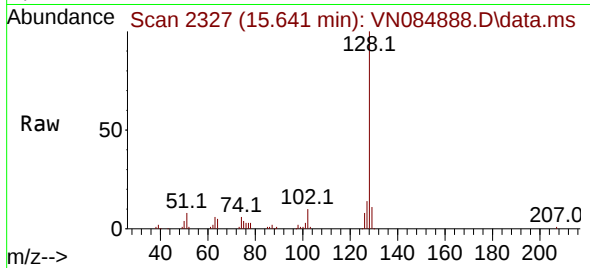




#95  
Naphthalene  
Concen: 17.730 ug/l  
RT: 15.641 min Scan# 2119  
Delta R.T. 0.006 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 110119  
Ion Ratio Lower Upper  
128 100  
127 13.7 10.5 15.7  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 17.180 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. 0.000 min  
Lab File: VN084888.D  
Acq: 17 Nov 2024 12:25

Tgt Ion:180 Resp: 34606  
Ion Ratio Lower Upper  
180 100  
182 95.0 48.2 144.6  
145 35.1 17.3 51.9

