

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081324\  
 Data File : VN083258.D  
 Acq On : 13 Aug 2024 15:19  
 Operator : JC\MD  
 Sample : P3390-07 0.5PPB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 14 02:59:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 14 02:57:40 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 163125   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 289239   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 248774   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 103994   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 128720   | 55.437   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 110.880% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 91766    | 50.830   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.660% |      |
| 50) Toluene-d8              | 10.571 | 98    | 332333   | 49.348   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 98.700%  |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 121059   | 46.109   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 92.220%  |      |

|                              |       |     |        |       |        |     |
|------------------------------|-------|-----|--------|-------|--------|-----|
| Target Compounds             |       |     | Qvalue |       |        |     |
| 2) Dichlorodifluoromethane   | 2.130 | 85  | 705    | 0.381 | ug/l   | 93  |
| 3) Chloromethane             | 2.359 | 50  | 1043   | 0.551 | ug/l   | 90  |
| 4) Vinyl Chloride            | 2.518 | 62  | 906    | 0.469 | ug/l # | 86  |
| 5) Bromomethane              | 2.965 | 94  | 893    | 0.745 | ug/l   | 90  |
| 6) Chloroethane              | 3.118 | 64  | 651    | 0.538 | ug/l   | 93  |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 1296   | 0.406 | ug/l   | 91  |
| 8) Diethyl Ether             | 3.959 | 74  | 405    | 0.341 | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 706    | 0.401 | ug/l # | 86  |
| 10) Methyl Iodide            | 4.595 | 142 | 675    | 0.292 | ug/l # | 38  |
| 11) Tert butyl alcohol       | 5.530 | 59  | 1217   | 2.522 | ug/l # | 71  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 684    | 0.378 | ug/l   | 89  |
| 13) Acrolein                 | 4.195 | 56  | 647    | 2.057 | ug/l   | 100 |
| 14) Allyl chloride           | 5.024 | 41  | 1499   | 0.439 | ug/l # | 81  |
| 15) Acrylonitrile            | 5.730 | 53  | 1809   | 1.823 | ug/l # | 82  |
| 16) Acetone                  | 4.436 | 43  | 3217   | 3.541 | ug/l # | 88  |
| 17) Carbon Disulfide         | 4.700 | 76  | 1569   | 0.297 | ug/l # | 75  |
| 18) Methyl Acetate           | 5.036 | 43  | 993    | 0.367 | ug/l # | 71  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 2944   | 0.451 | ug/l # | 86  |
| 20) Methylene Chloride       | 5.271 | 84  | 1641   | 0.785 | ug/l # | 53  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 549    | 0.294 | ug/l # | 70  |
| 22) Diisopropyl ether        | 6.677 | 45  | 2599   | 0.405 | ug/l # | 73  |
| 23) Vinyl Acetate            | 6.606 | 43  | 13139  | 1.996 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 1499   | 0.428 | ug/l # | 83  |
| 25) 2-Butanone               | 7.500 | 43  | 3512   | 2.517 | ug/l # | 85  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 1280   | 0.394 | ug/l # | 67  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 1027   | 0.455 | ug/l   | 85  |
| 28) Bromochloromethane       | 7.812 | 49  | 519    | 0.363 | ug/l # | 79  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 2029   | 2.250 | ug/l   | 95  |
| 30) Chloroform               | 7.965 | 83  | 1898   | 0.522 | ug/l   | 85  |
| 31) Cyclohexane              | 8.224 | 56  | 5574   | 1.620 | ug/l # | 7   |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 1585   | 0.460 | ug/l # | 42  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 1201   | 0.440 | ug/l # | 71  |
| 37) Ethyl Acetate            | 7.553 | 43  | 408    | 0.133 | ug/l # | 72  |
| 38) Carbon Tetrachloride     | 8.353 | 117 | 1253   | 0.407 | ug/l # | 70  |
| 39) Methylcyclohexane        | 9.606 | 83  | 1380   | 0.411 | ug/l # | 91  |
| 40) Benzene                  | 8.606 | 78  | 3596   | 0.442 | ug/l # | 84  |

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 Sample : P3390-07 0.5PPB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 14 02:59:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 14 02:57:40 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 610      | 0.351  | ug/l # | 49       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 1623     | 0.548  | ug/l # | 78       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 5941     | 0.848  | ug/l # | 73       |
| 44) Trichloroethene           | 9.347  | 130  | 999      | 0.516  | ug/l   | 68       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 711      | 0.368  | ug/l # | 44       |
| 46) Dibromomethane            | 9.718  | 93   | 508      | 0.368  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.877  | 83   | 1377     | 0.444  | ug/l # | 61       |
| 48) Methyl methacrylate       | 9.688  | 41   | 1062     | 0.420  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 318      | 6.972  | ug/l # | 53       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 5862     | 2.027  | ug/l   | 99       |
| 52) Toluene                   | 10.629 | 92   | 2283     | 0.444  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 1310     | 0.411  | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene   | 10.324 | 75   | 1298     | 0.383  | ug/l # | 75       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 837      | 0.454  | ug/l   | 90       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 1258     | 0.362  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 1469     | 0.447  | ug/l   | 89       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 2848     | 1.940  | ug/l   | 93       |
| 59) 2-Hexanone                | 11.194 | 43   | 4549     | 2.033  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 934      | 0.419  | ug/l   | 93       |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 776      | 0.401  | ug/l   | 85       |
| 64) Tetrachloroethene         | 11.088 | 164  | 767      | 0.466  | ug/l # | 26       |
| 65) Chlorobenzene             | 11.888 | 112  | 2631     | 0.479  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 873      | 0.450  | ug/l # | 61       |
| 67) Ethyl Benzene             | 11.970 | 91   | 4401     | 0.436  | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.070 | 106  | 3127     | 0.828  | ug/l   | 91       |
| 69) o-Xylene                  | 12.394 | 106  | 1693     | 0.454  | ug/l   | 85       |
| 70) Styrene                   | 12.412 | 104  | 2749     | 0.439  | ug/l   | 90       |
| 71) Bromoform                 | 12.576 | 173  | 777      | 0.529  | ug/l # | 59       |
| 73) Isopropylbenzene          | 12.694 | 105  | 3696     | 0.425  | ug/l   | 94       |
| 74) N-amyl acetate            | 12.494 | 43   | 1921     | 0.452  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.929 | 83   | 1088     | 0.442  | ug/l # | 88       |
| 76) 1,2,3-Trichloropropane    | 12.847 | 75   | 66585    | 29.173 | ug/l # | 1        |
| 77) Bromobenzene              | 12.976 | 156  | 871      | 0.451  | ug/l   | 89       |
| 78) n-propylbenzene           | 13.035 | 91   | 4300     | 0.429  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 3118     | 0.491  | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 3285     | 0.451  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75   | 66585    | 63.459 | ug/l # | 6        |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 2925     | 0.459  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 2926     | 0.454  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 2935     | 0.400  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.612 | 105  | 3458     | 0.393  | ug/l   | 92       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 2950     | 0.406  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 1531     | 0.421  | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene       | 13.735 | 146  | 1531     | 0.418  | ug/l   | 91       |
| 89) n-Butylbenzene            | 14.059 | 91   | 2104     | 0.334  | ug/l   | 85       |
| 90) Hexachloroethane          | 14.341 | 117  | 387      | 0.276  | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 1752     | 0.498  | ug/l   | 90       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 153      | 0.256  | ug/l # | 31       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 888      | 0.451  | ug/l # | 79       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 205      | 0.234  | ug/l # | 45       |
| 95) Naphthalene               | 15.641 | 128  | 2456     | 0.352  | ug/l # | 79       |
| 96) 1,2,3-Trichlorobenzene    | 15.829 | 180  | 468      | 0.240  | ug/l   | 65       |

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Operator : JC\MD  
Sample : P3390-07 0.5PPB  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 15 Sample Multiplier: 1

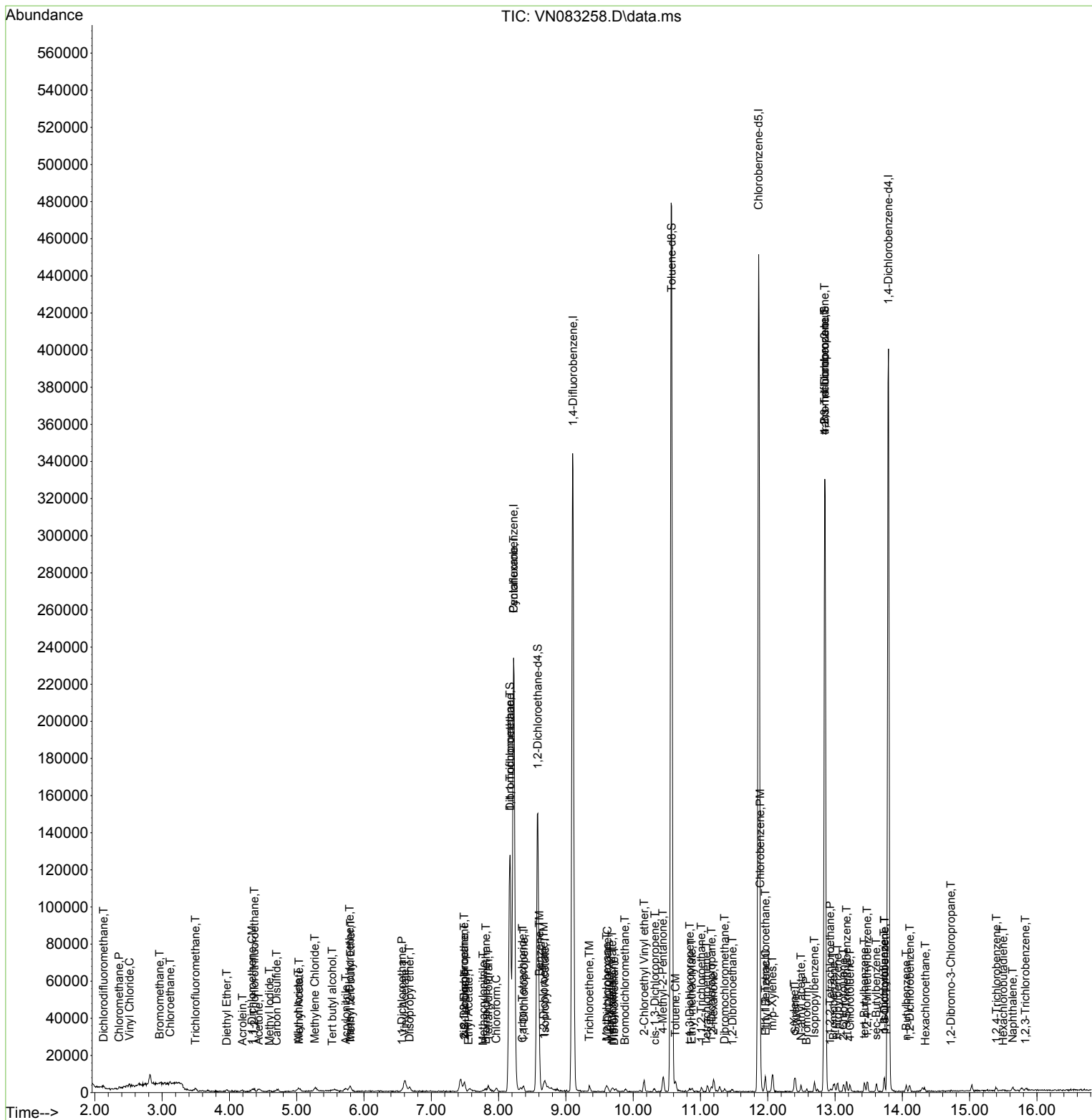
Instrument :  
MSVOA\_N  
ClientSampleId :

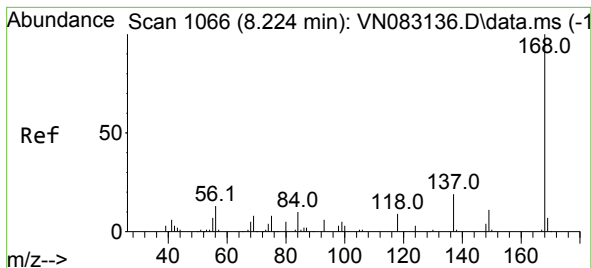
Quant Time: Aug 14 02:59:22 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 14 02:57:40 2024  
Response via : Initial Calibration

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

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

Quant Time: Aug 14 02:59:22 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 14 02:57:40 2024  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

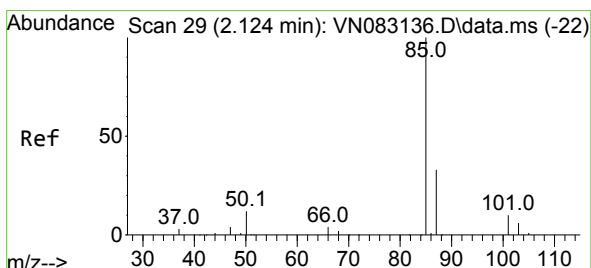
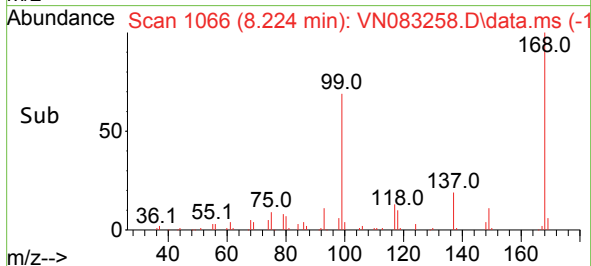
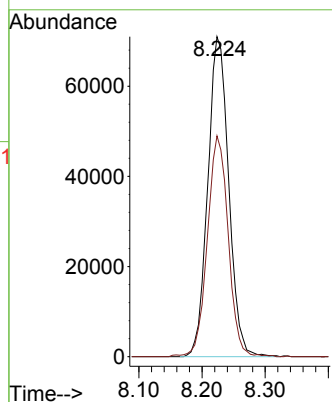
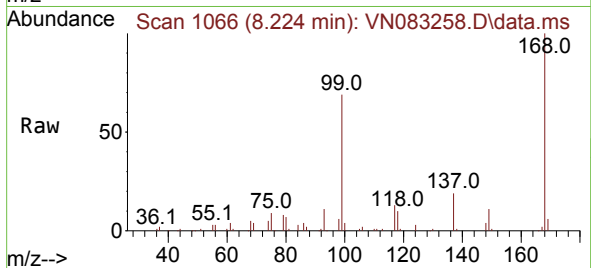
ClientSampleId :

Tgt Ion:168 Resp: 163125

Ion Ratio Lower Upper

168 100

99 69.0 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 0.381 ug/l

RT: 2.130 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN083258.D

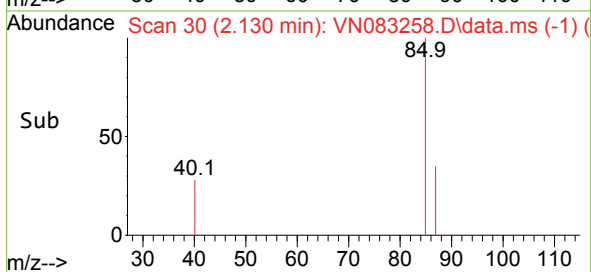
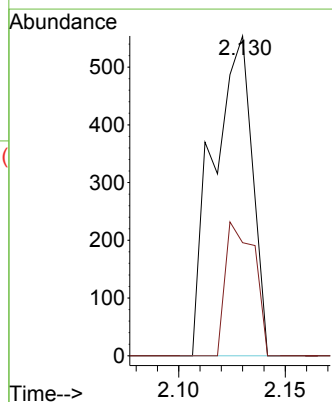
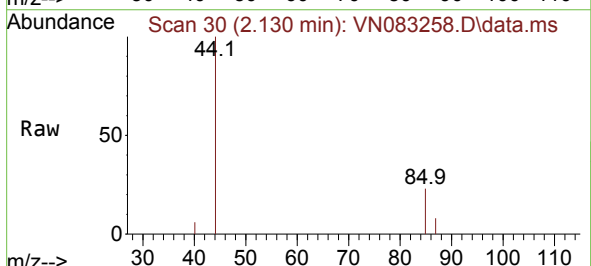
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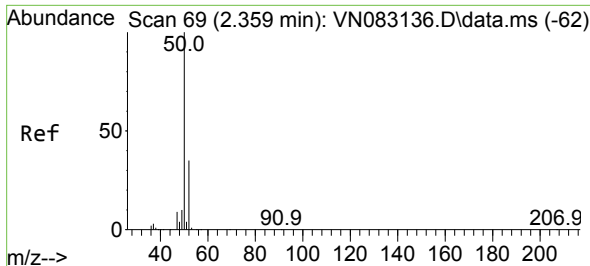
Tgt Ion: 85 Resp: 705

Ion Ratio Lower Upper

85 100

87 35.4 15.7 47.0

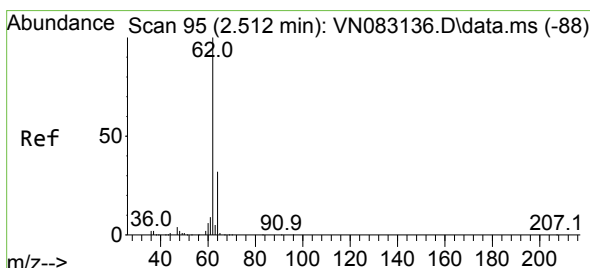
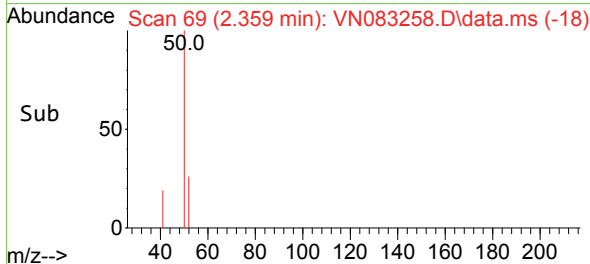
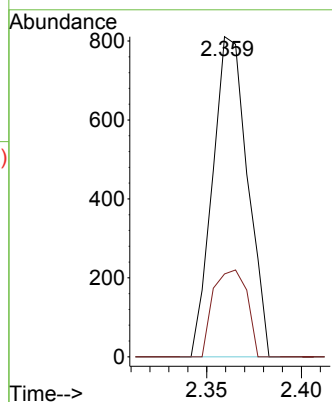
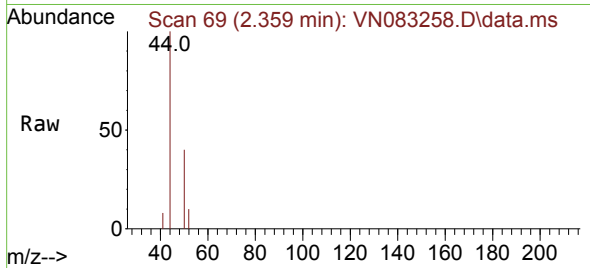




#3  
Chloromethane  
Concen: 0.551 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

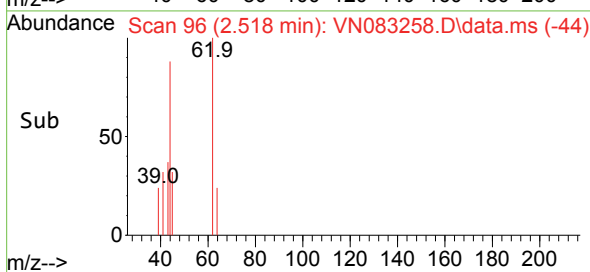
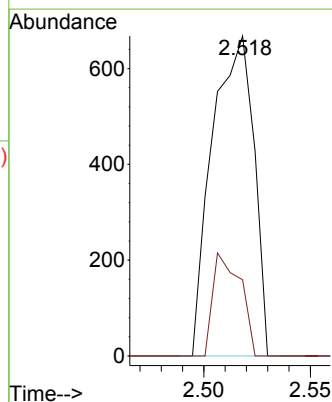
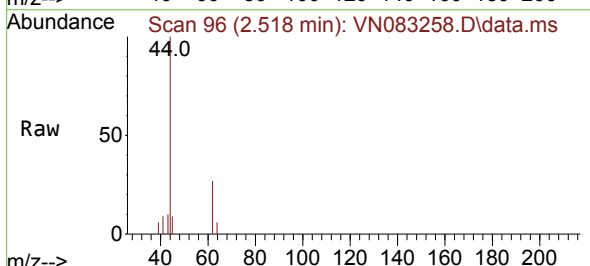
Instrument :  
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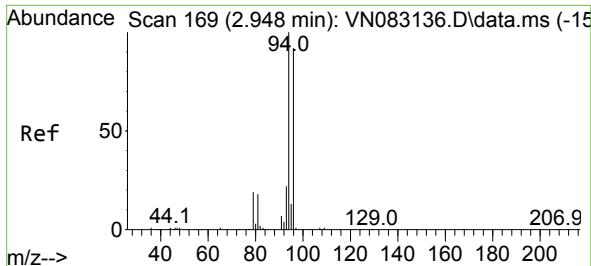
Tgt Ion: 50 Resp: 1043  
Ion Ratio Lower Upper  
50 100  
52 25.9 25.0 37.4



#4  
Vinyl Chloride  
Concen: 0.469 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

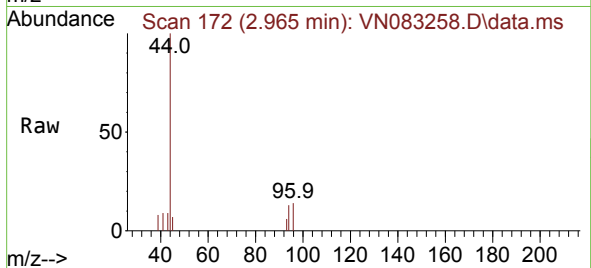
Tgt Ion: 62 Resp: 906  
Ion Ratio Lower Upper  
62 100  
64 23.8 25.0 37.6#



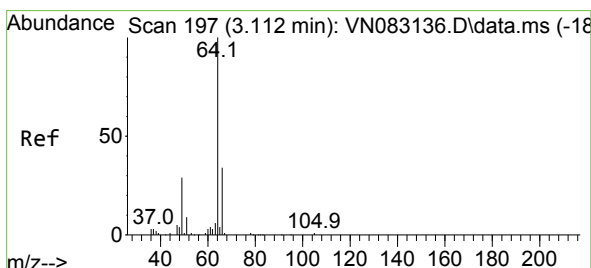
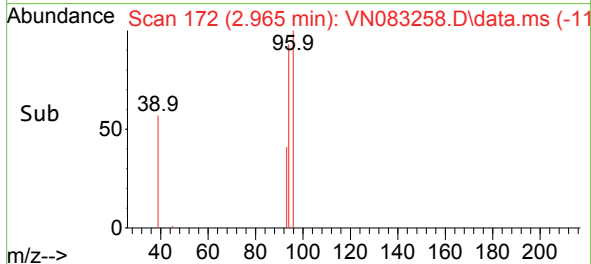
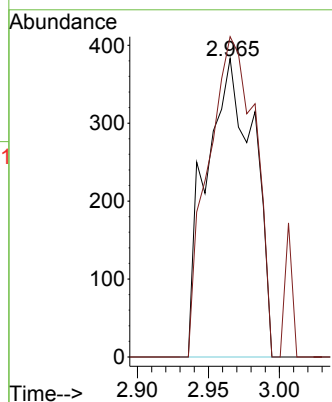


#5  
Bromomethane  
Concen: 0.745 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Instrument :  
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ClientSampleId :

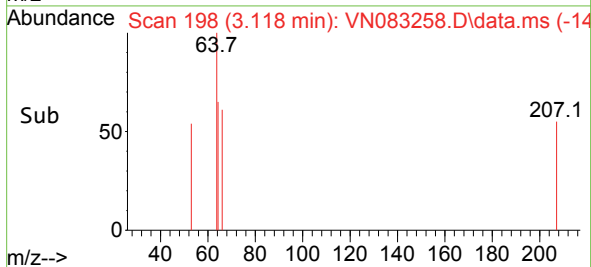
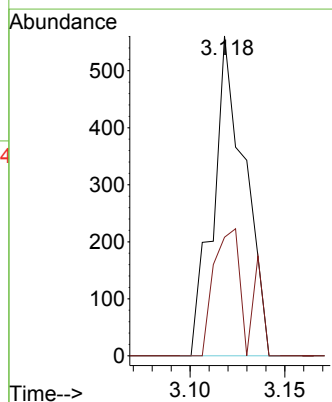
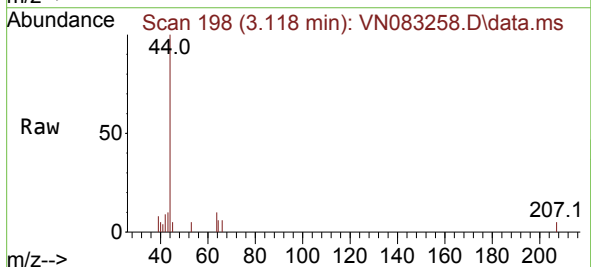


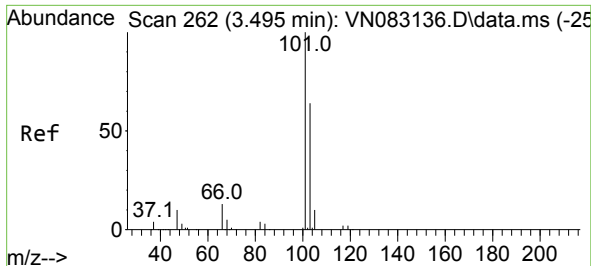
Tgt Ion: 94 Resp: 893  
Ion Ratio Lower Upper  
94 100  
96 107.3 78.0 117.0



#6  
Chloroethane  
Concen: 0.538 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

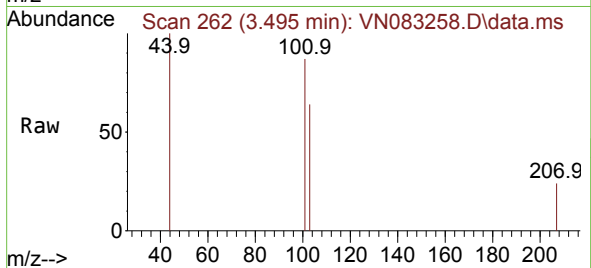
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Ion Ratio Lower Upper  
64 100  
66 37.1 26.6 40.0



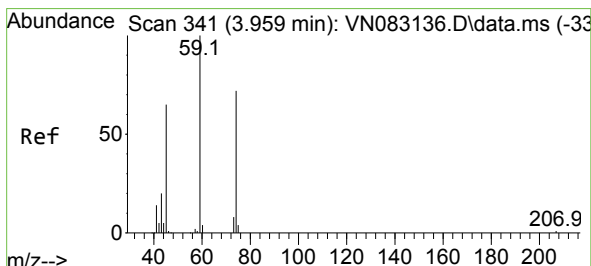
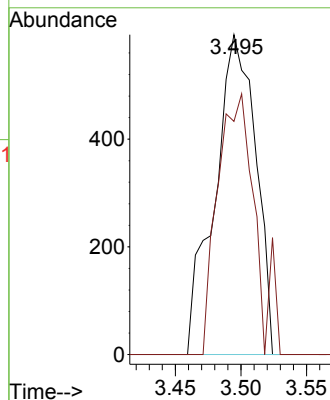
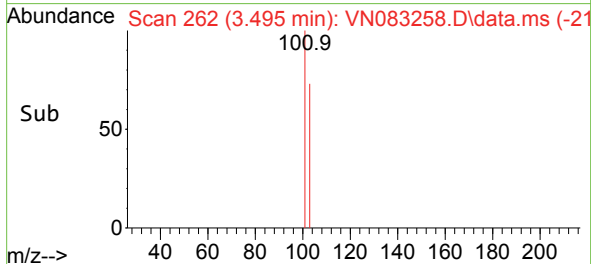


#7  
 Trichlorofluoromethane  
 Concen: 0.406 ug/l  
 RT: 3.495 min Scan# 262  
 Delta R.T. -0.000 min  
 Lab File: VN083258.D  
 Acq: 13 Aug 2024 15:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :

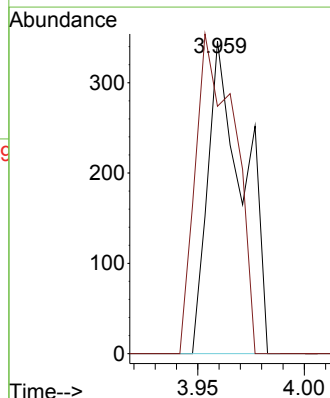
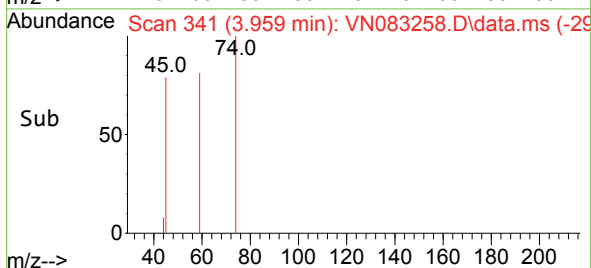
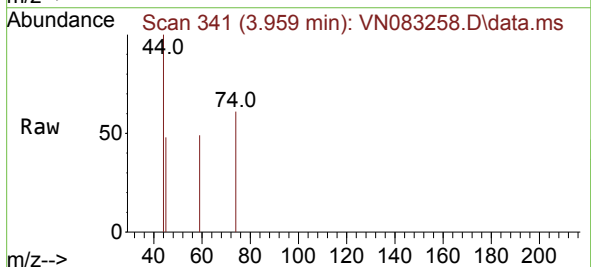


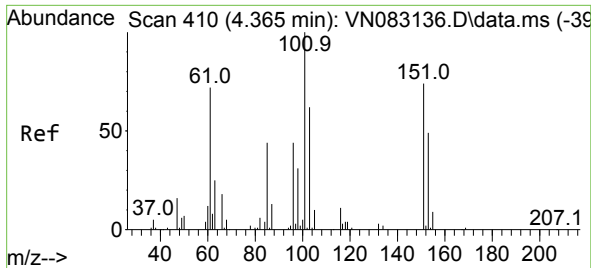
Tgt Ion:101 Resp: 1296  
 Ion Ratio Lower Upper  
 101 100  
 103 72.9 52.7 79.1



#8  
 Diethyl Ether  
 Concen: 0.341 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN083258.D  
 Acq: 13 Aug 2024 15:19

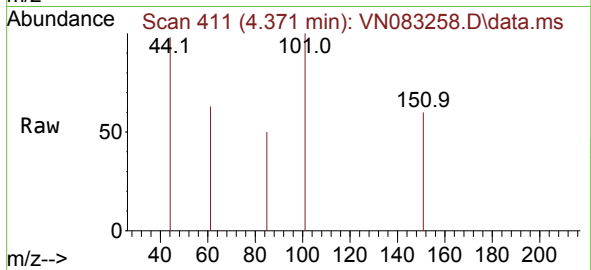
Tgt Ion: 74 Resp: 405  
 Ion Ratio Lower Upper  
 74 100  
 45 111.9 55.5 166.3



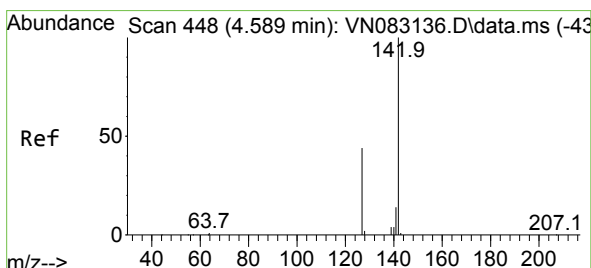
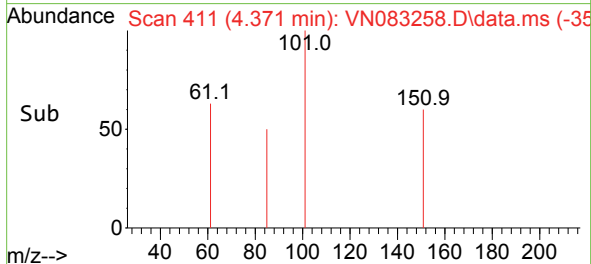
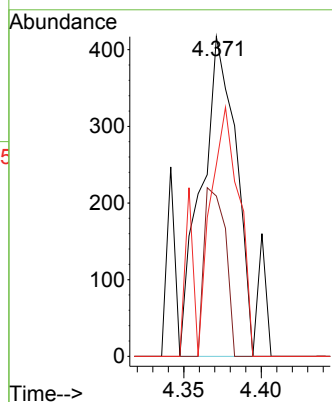


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.401 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :

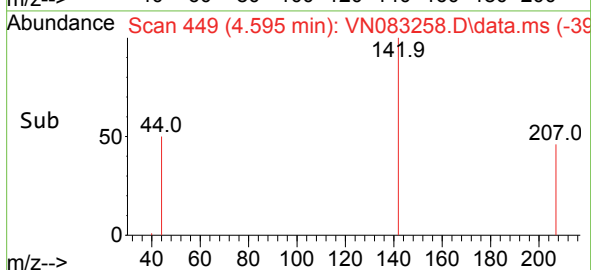
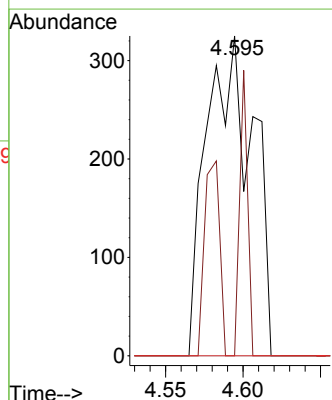
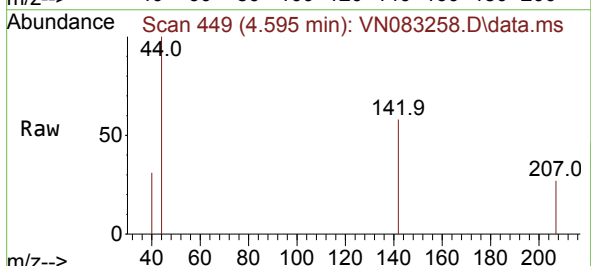


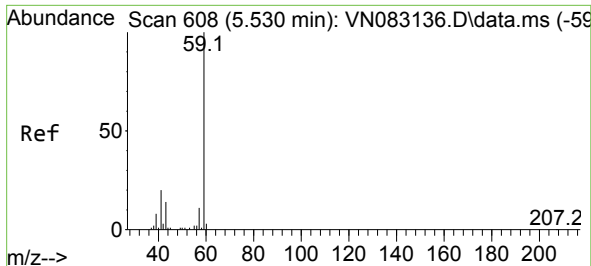
Tgt Ion:101 Resp: 706  
Ion Ratio Lower Upper  
101 100  
85 29.7 38.3 57.5#  
151 69.7 59.3 88.9



#10  
Methyl Iodide  
Concen: 0.292 ug/l  
RT: 4.595 min Scan# 449  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion:142 Resp: 675  
Ion Ratio Lower Upper  
142 100  
127 0.0 37.5 56.3#  
141 0.0 13.1 19.7#





#11

Tert butyl alcohol

Concen: 2.522 ug/l

RT: 5.530 min Scan# 608

Delta R.T. -0.000 min

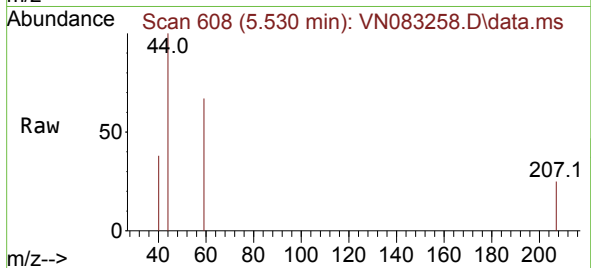
Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

ClientSampleId :

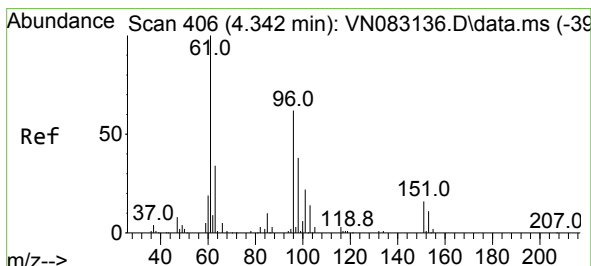
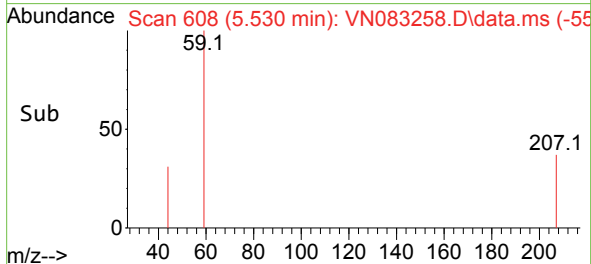
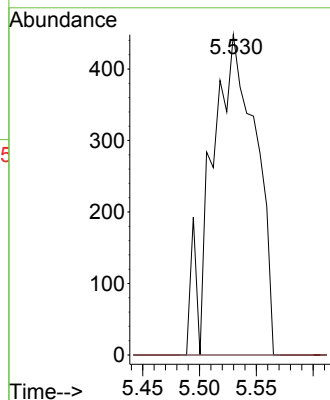


Tgt Ion: 59 Resp: 1217

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#12

1,1-Dichloroethene

Concen: 0.378 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

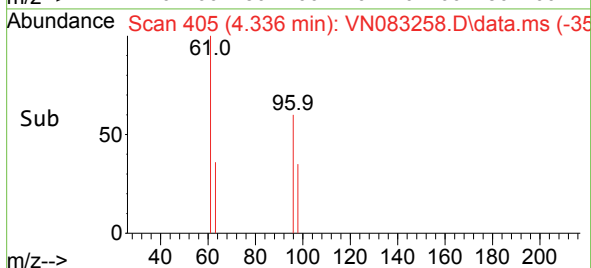
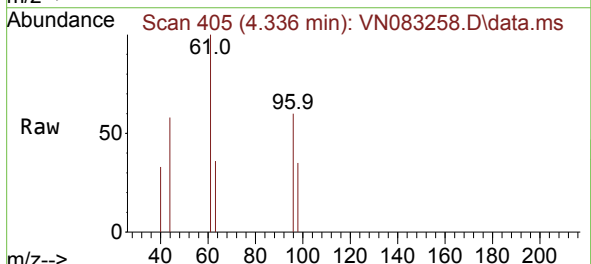
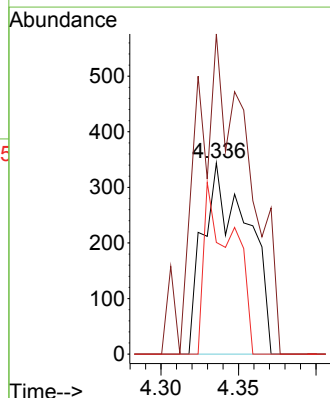
Tgt Ion: 96 Resp: 684

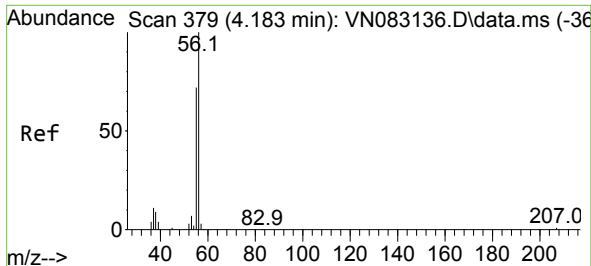
Ion Ratio Lower Upper

96 100

61 167.4 149.7 224.5

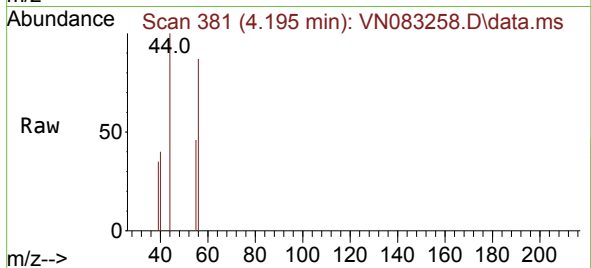
98 58.4 50.1 75.1



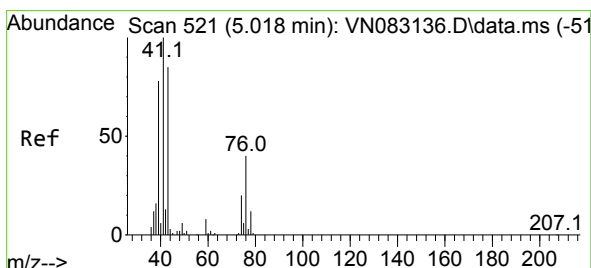
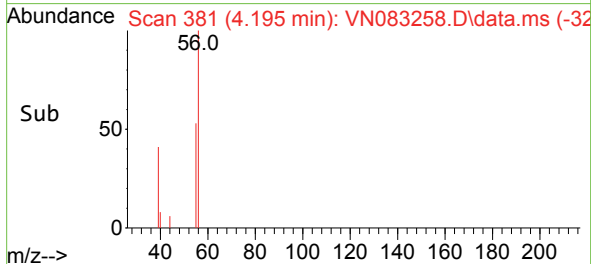
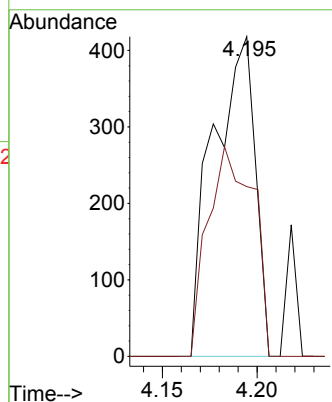


#13  
Acrolein  
Concen: 2.057 ug/l  
RT: 4.195 min Scan# 381  
Delta R.T. 0.012 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :

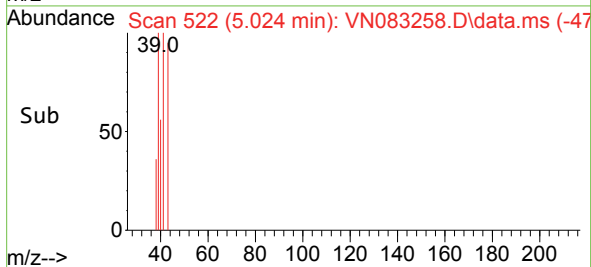
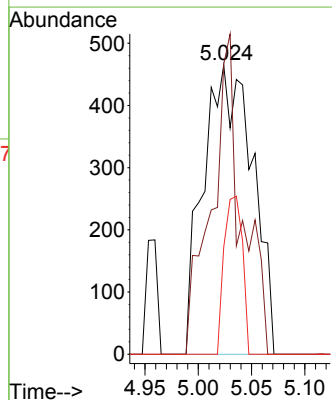
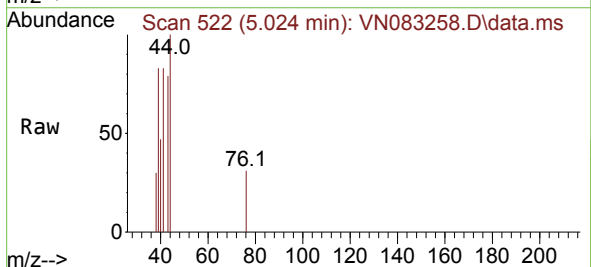


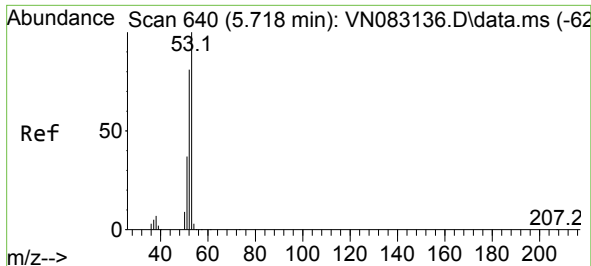
Tgt Ion: 56 Resp: 647  
Ion Ratio Lower Upper  
56 100  
55 70.6 56.4 84.6



#14  
Allyl chloride  
Concen: 0.439 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

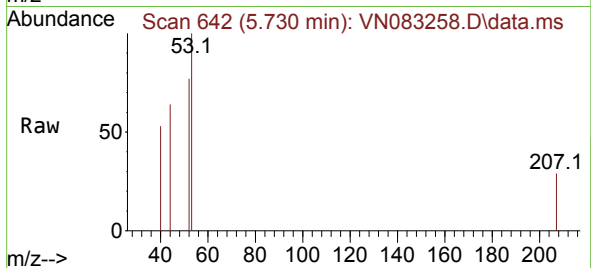
Tgt Ion: 41 Resp: 1499  
Ion Ratio Lower Upper  
41 100  
39 68.0 67.8 101.6  
76 20.2 25.8 38.8#



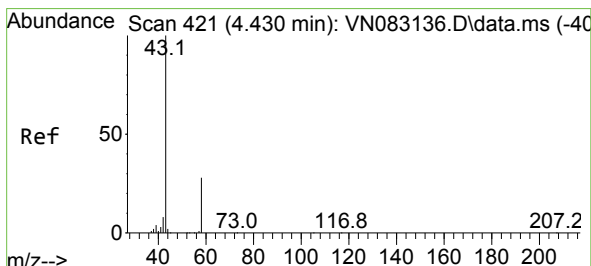
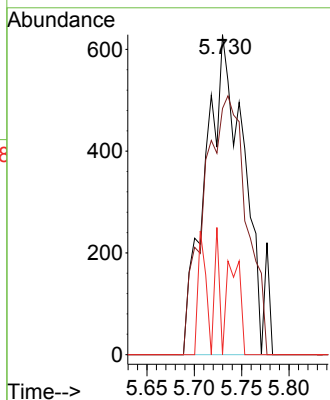
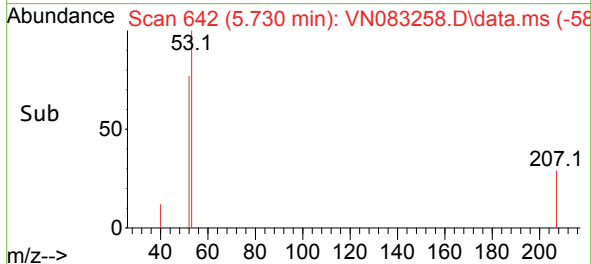


#15  
Acrylonitrile  
Concen: 1.823 ug/l  
RT: 5.730 min Scan# 640  
Delta R.T. 0.012 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :

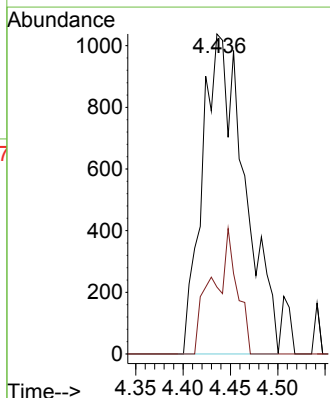
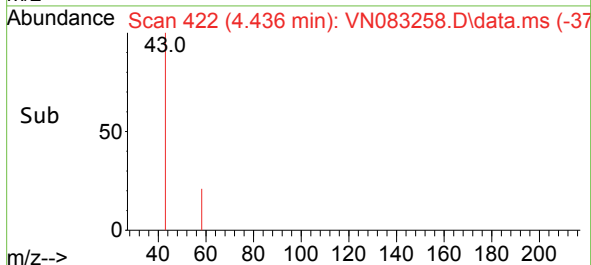
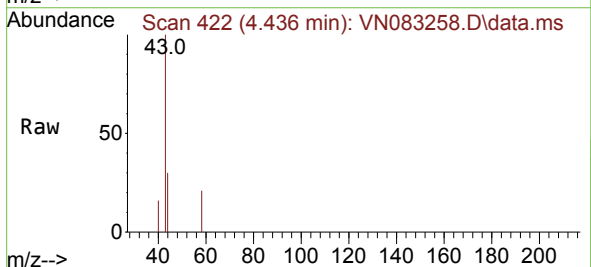


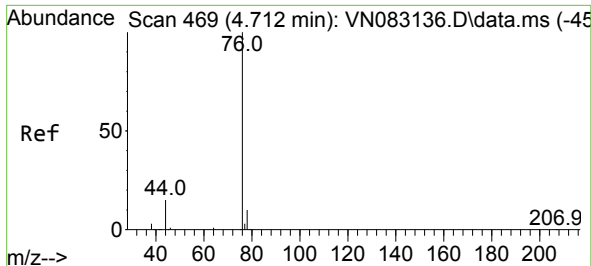
Tgt Ion: 53 Resp: 1809  
Ion Ratio Lower Upper  
53 100  
52 88.3 66.6 100.0  
51 10.2 30.1 45.1#



#16  
Acetone  
Concen: 3.541 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion: 43 Resp: 3217  
Ion Ratio Lower Upper  
43 100  
58 20.9 21.8 32.6#

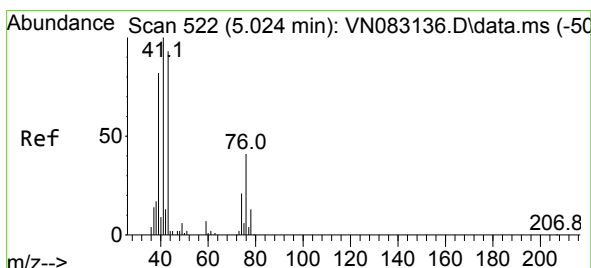
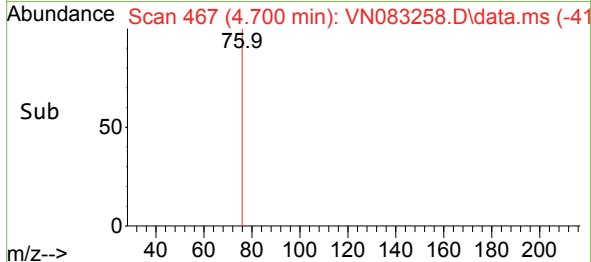
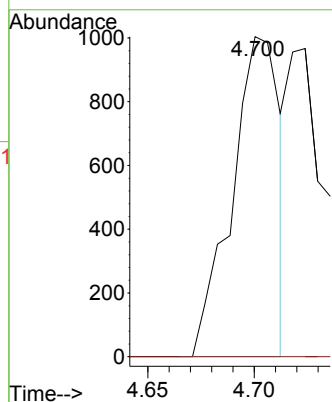
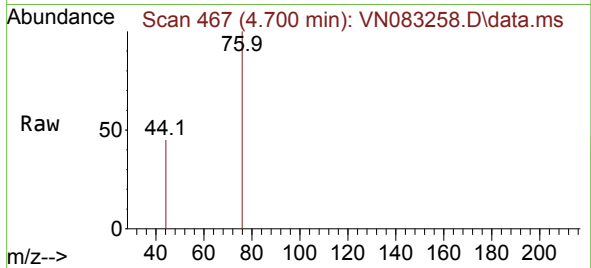




#17  
Carbon Disulfide  
Concen: 0.297 ug/l  
RT: 4.700 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

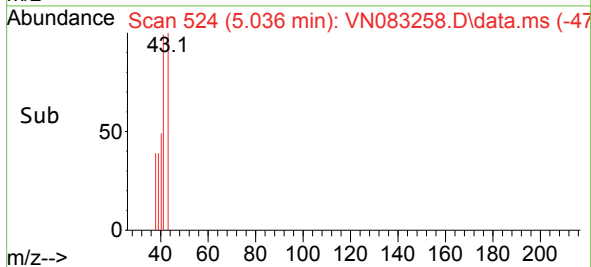
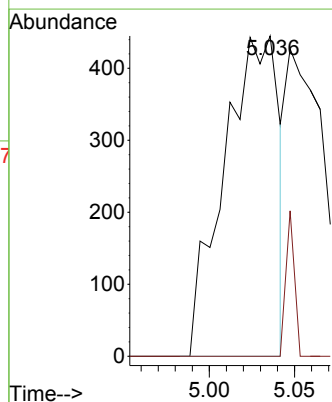
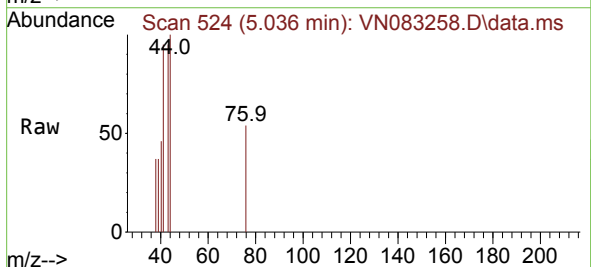
Instrument :  
MSVOA\_N  
ClientSampleId :

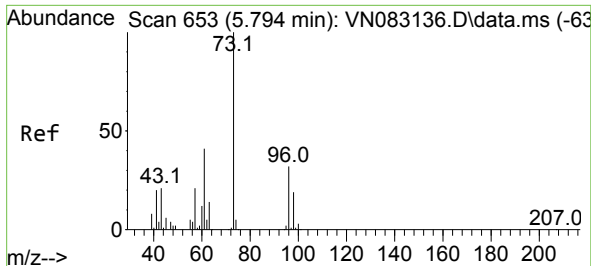
Tgt Ion: 76 Resp: 1569  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#



#18  
Methyl Acetate  
Concen: 0.367 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. 0.012 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion: 43 Resp: 993  
Ion Ratio Lower Upper  
43 100  
74 7.2 16.3 24.5#

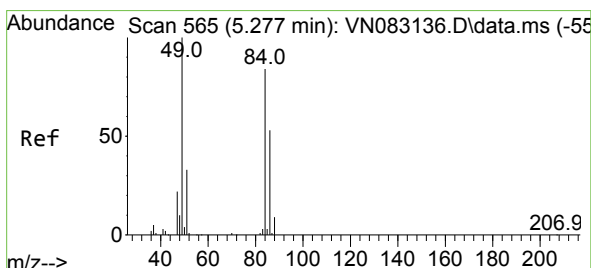
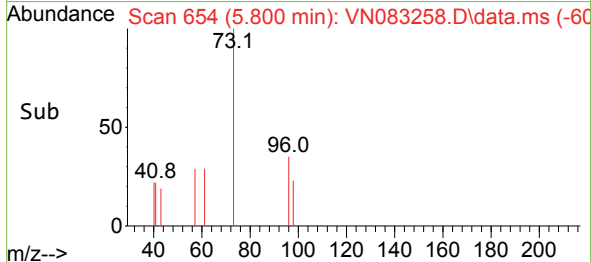
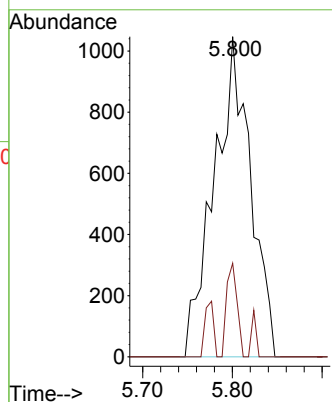
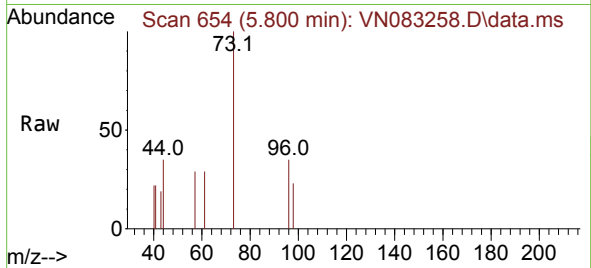




#19  
Methyl tert-butyl Ether  
Concen: 0.451 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

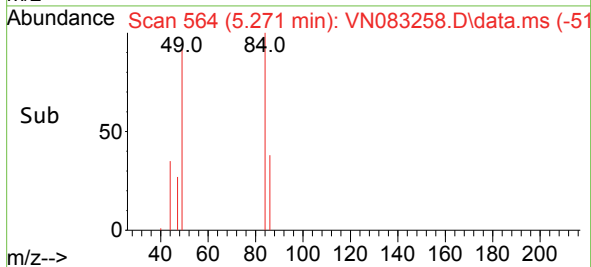
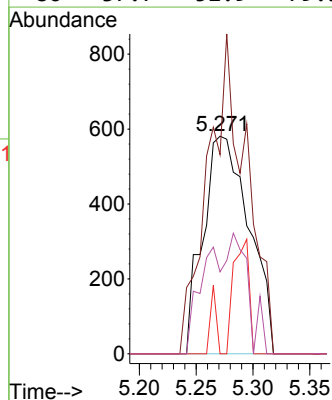
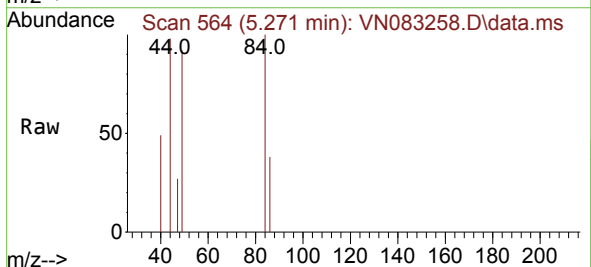
Instrument :  
MSVOA\_N  
ClientSampleId :

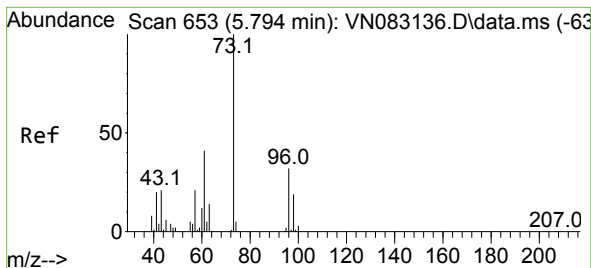
Tgt Ion: 73 Resp: 2944  
Ion Ratio Lower Upper  
73 100  
57 29.2 17.9 26.9#



#20  
Methylene Chloride  
Concen: 0.785 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion: 84 Resp: 1641  
Ion Ratio Lower Upper  
84 100  
49 91.6 119.6 179.4#  
51 0.0 34.8 52.2#  
86 37.7 52.9 79.3#





#21

trans-1,2-Dichloroethene

Concen: 0.294 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.006 min

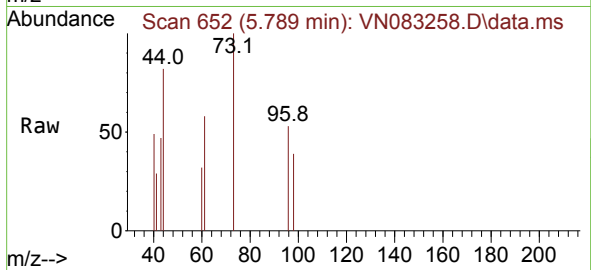
Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

ClientSampleId :



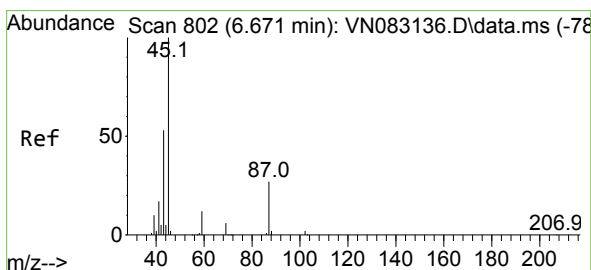
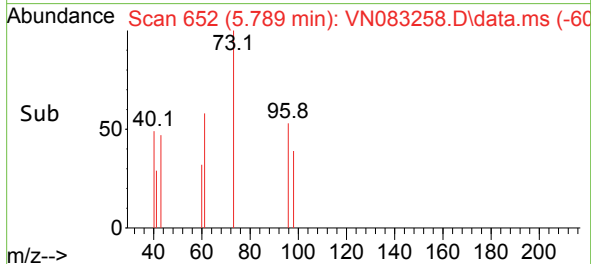
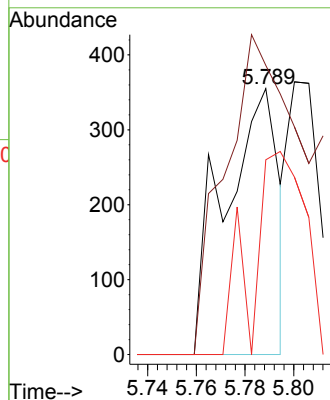
Tgt Ion: 96 Resp: 549

Ion Ratio Lower Upper

96 100

61 108.7 123.4 185.2#

98 73.2 49.3 73.9



#22

Diisopropyl ether

Concen: 0.405 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Tgt Ion: 45 Resp: 2599

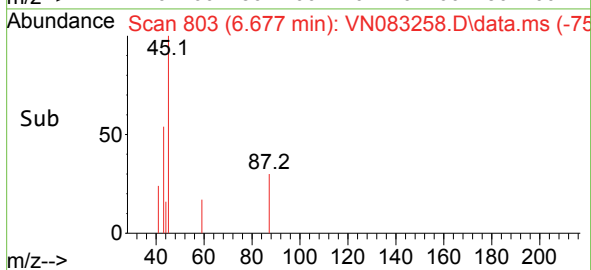
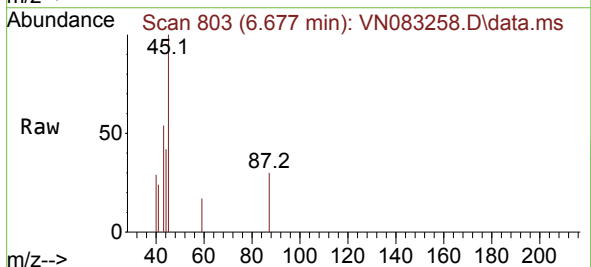
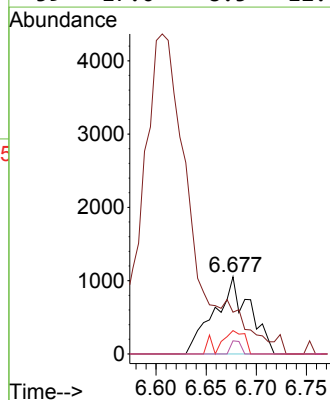
Ion Ratio Lower Upper

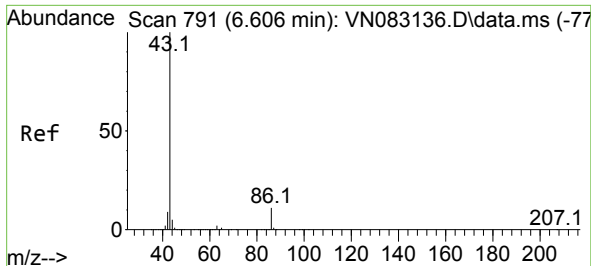
45 100

43 28.9 44.0 66.0#

87 30.3 19.7 29.5#

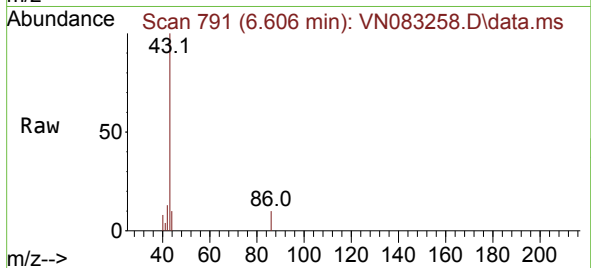
59 17.0 8.5 12.7#



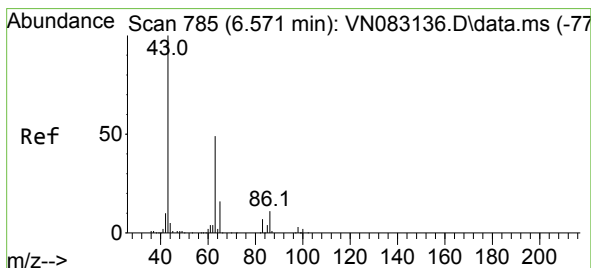
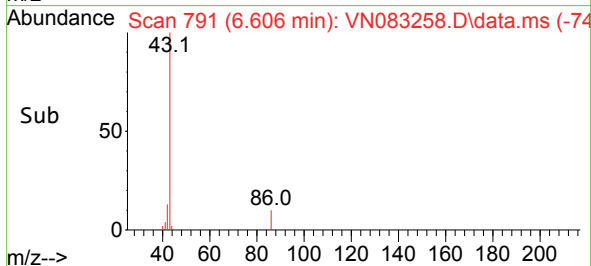
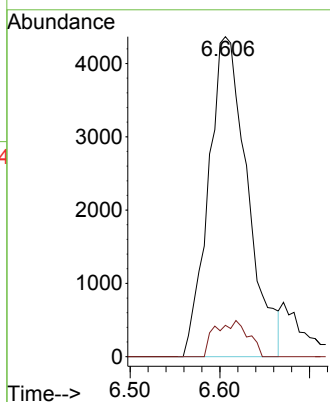


#23  
 Vinyl Acetate  
 Concen: 1.996 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. -0.000 min  
 Lab File: VN083258.D  
 Acq: 13 Aug 2024 15:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :

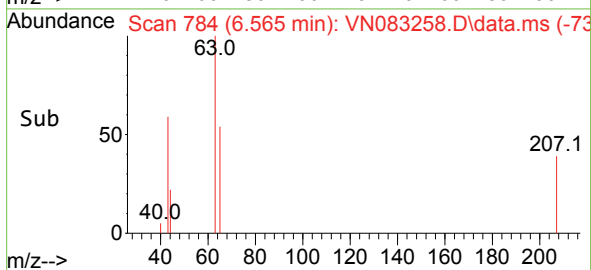
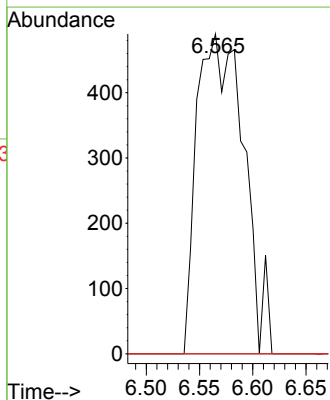
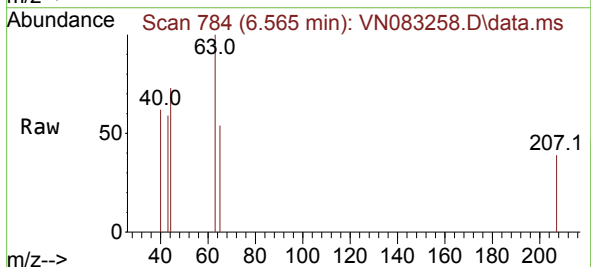


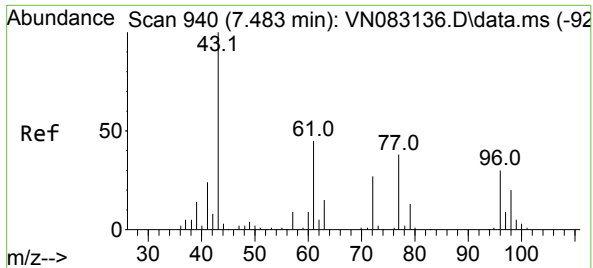
Tgt Ion: 43 Resp: 13139  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 7.3 10.9



#24  
 1,1-Dichloroethane  
 Concen: 0.428 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.006 min  
 Lab File: VN083258.D  
 Acq: 13 Aug 2024 15:19

Tgt Ion: 63 Resp: 1499  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.3 9.9#  
 100 0.0 2.0 6.0#

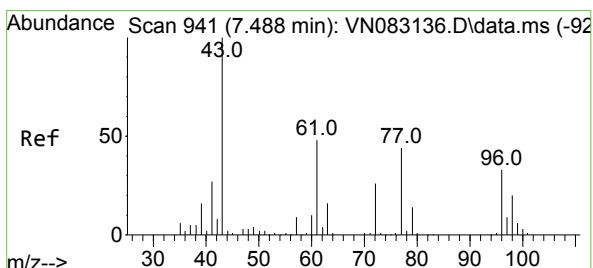
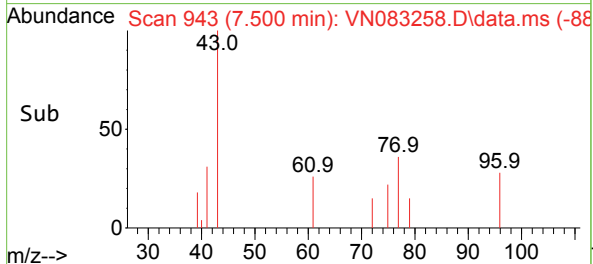
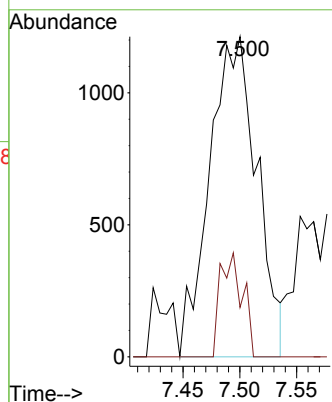
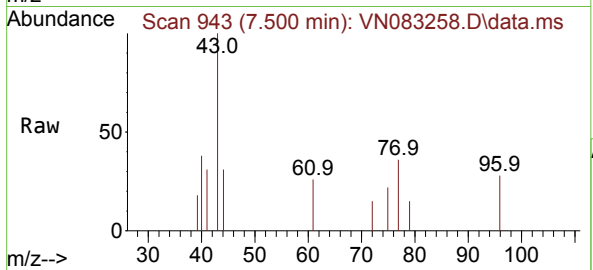




#25  
2-Butanone  
Concen: 2.517 ug/l  
RT: 7.500 min Scan# 940  
Delta R.T. 0.018 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

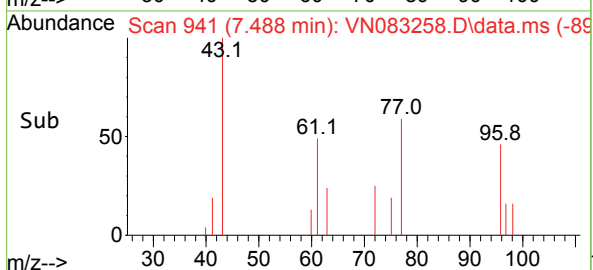
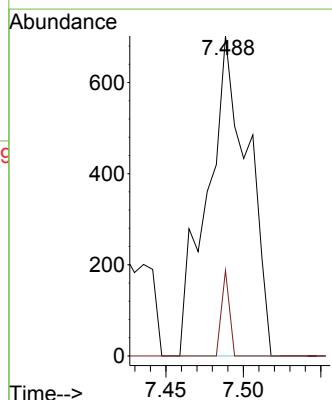
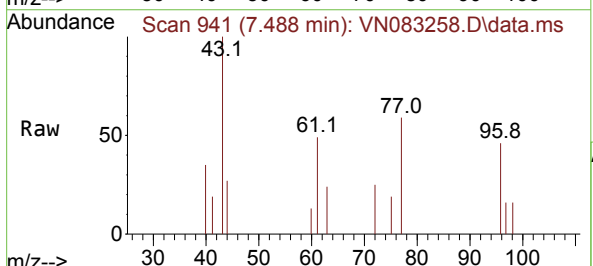
Instrument :  
MSVOA\_N  
ClientSampleId :

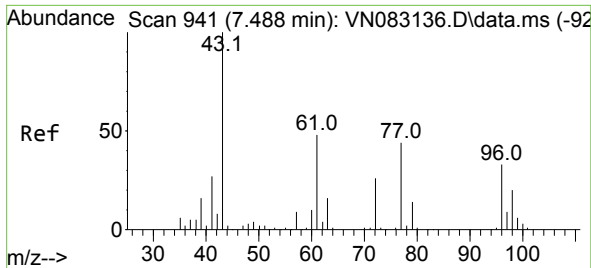
Tgt Ion: 43 Resp: 3512  
Ion Ratio Lower Upper  
43 100  
72 15.4 18.2 27.2#



#26  
2,2-Dichloropropane  
Concen: 0.394 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

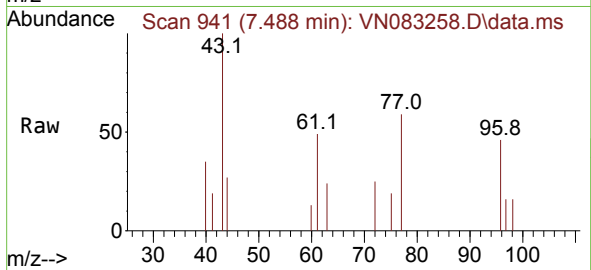
Tgt Ion: 77 Resp: 1280  
Ion Ratio Lower Upper  
77 100  
97 5.2 10.3 30.9#



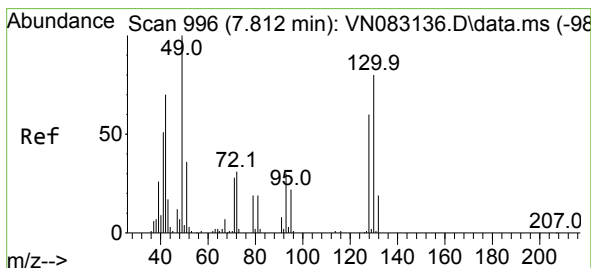
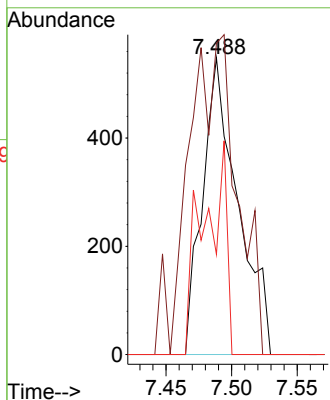
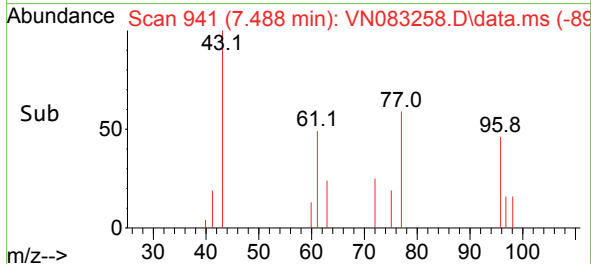


#27  
 cis-1,2-Dichloroethene  
 Concen: 0.455 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.000 min  
 Lab File: VN083258.D  
 Acq: 13 Aug 2024 15:19

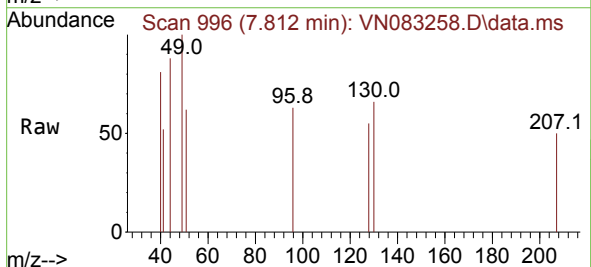
Instrument :  
 MSVOA\_N  
 ClientSampleId :



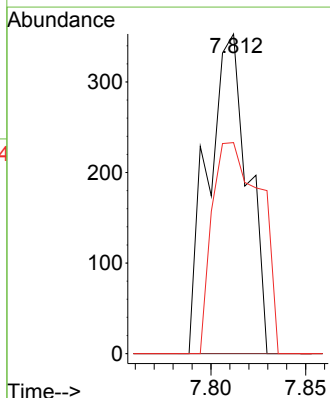
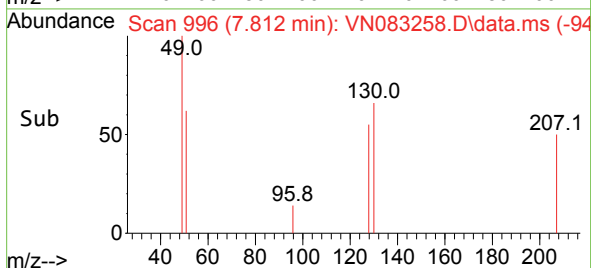
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 1027  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 148.1 | 0.0   | 329.6 |
| 98       | 46.9  | 0.0   | 128.6 |

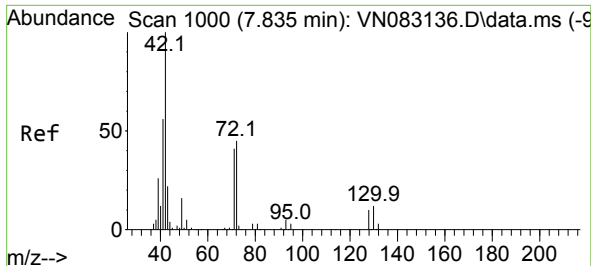


#28  
 Bromochloromethane  
 Concen: 0.363 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.000 min  
 Lab File: VN083258.D  
 Acq: 13 Aug 2024 15:19



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 519   |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 3.8   |
| 130      | 79.8  | 50.5  | 75.7# |





#29

Tetrahydrofuran

Concen: 2.250 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

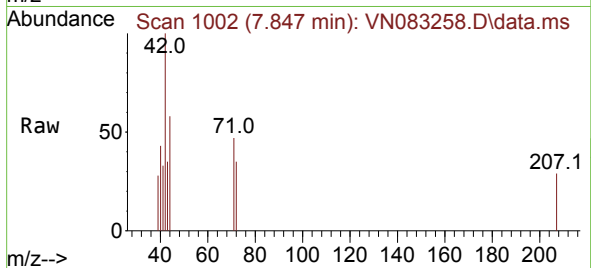
Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

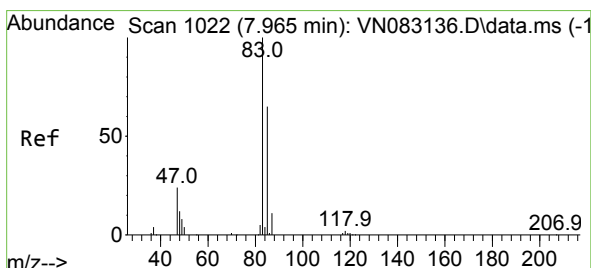
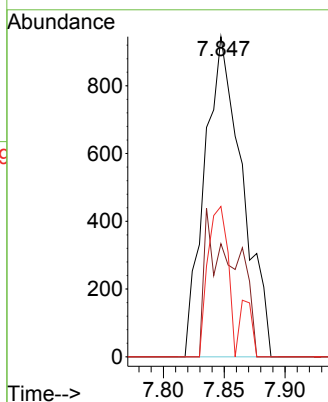
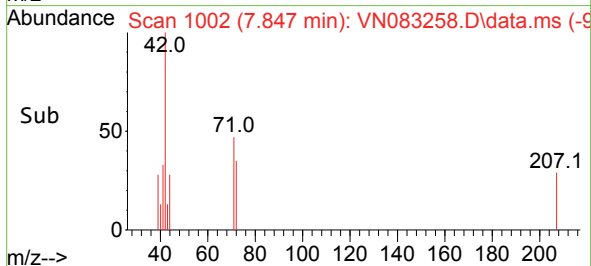
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 2029  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 36.3  | 30.0  | 45.0  |
| 71       | 30.7  | 28.3  | 42.5  |



#30

Chloroform

Concen: 0.522 ug/l

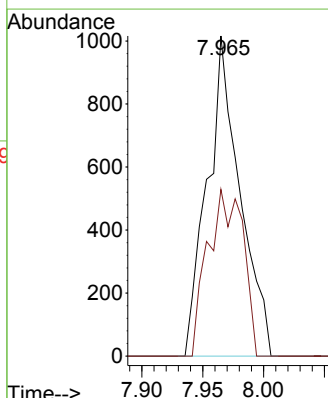
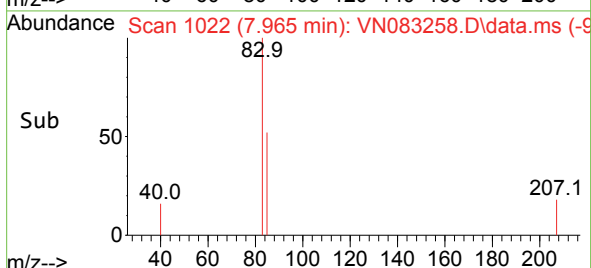
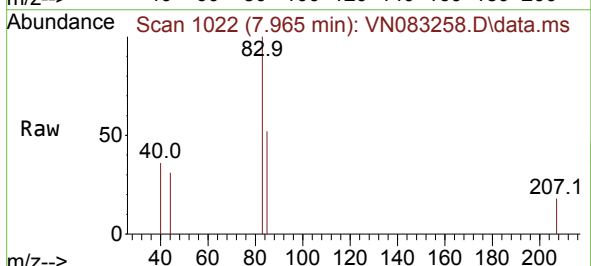
RT: 7.965 min Scan# 1022

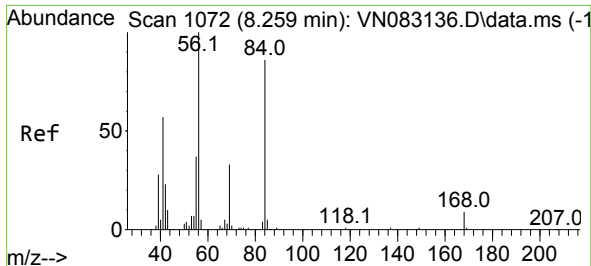
Delta R.T. -0.000 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

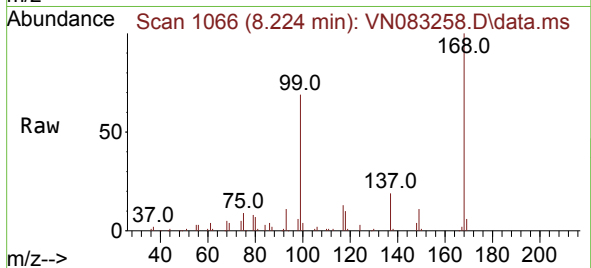
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 1898  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 52.1  | 50.9  | 76.3  |



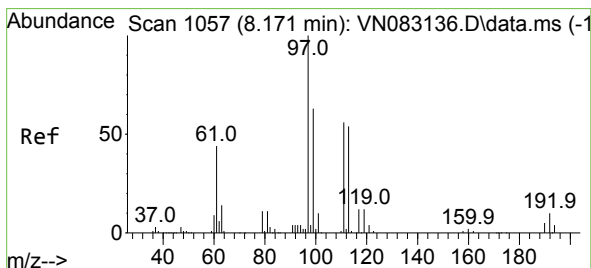
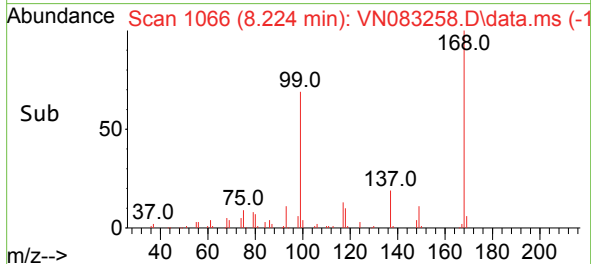
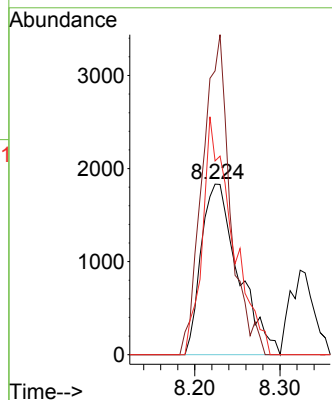


#31  
Cyclohexane  
Concen: 1.620 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.035 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :

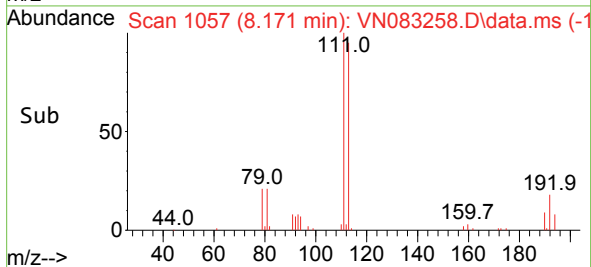
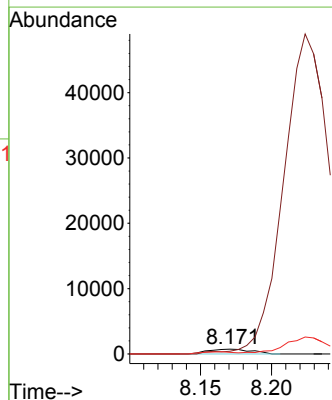
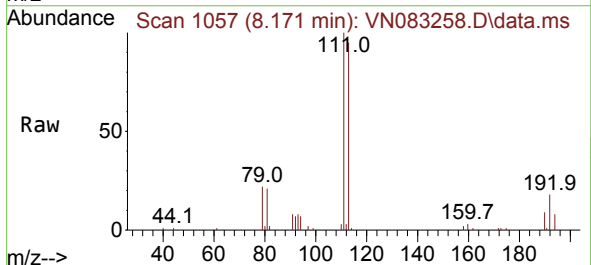


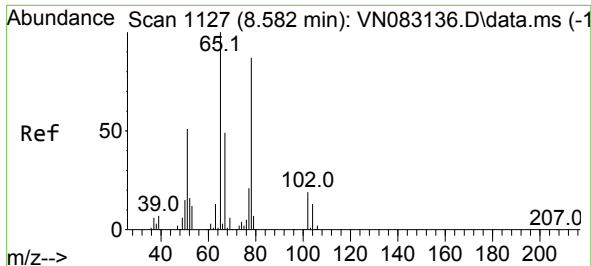
Tgt Ion: 56 Resp: 5574  
Ion Ratio Lower Upper  
56 100  
69 166.5 24.5 36.7#  
84 113.6 66.0 99.0#



#32  
1,1,1-Trichloroethane  
Concen: 0.460 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion: 97 Resp: 1585  
Ion Ratio Lower Upper  
97 100  
99 0.0 52.0 78.0#  
61 33.1 42.1 63.1#





#33

1,2-Dichloroethane-d4

Concen: 55.437 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

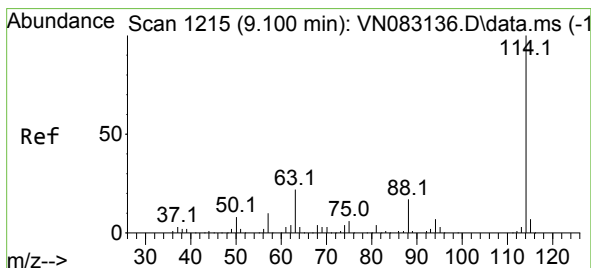
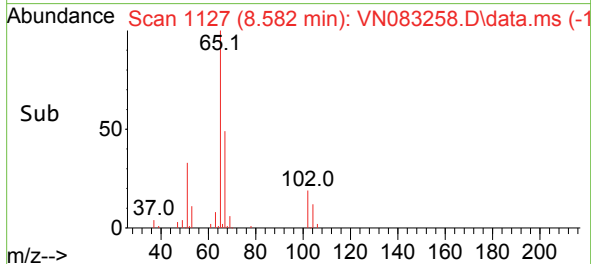
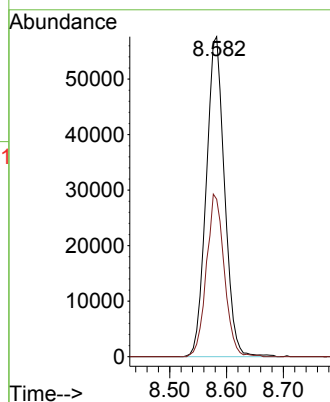
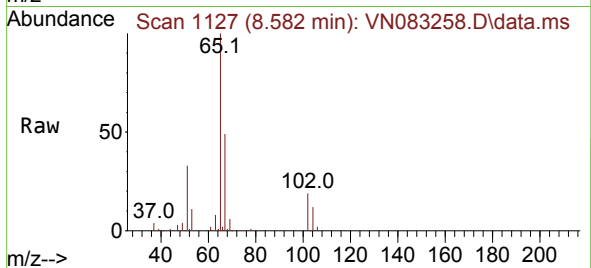
ClientSampleId :

Tgt Ion: 65 Resp: 128720

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

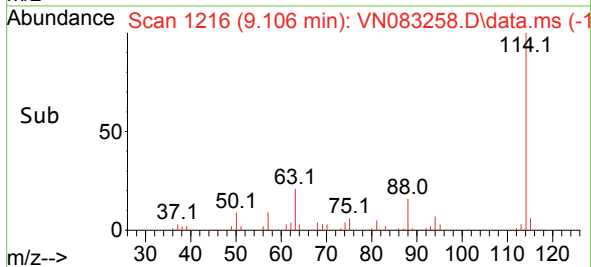
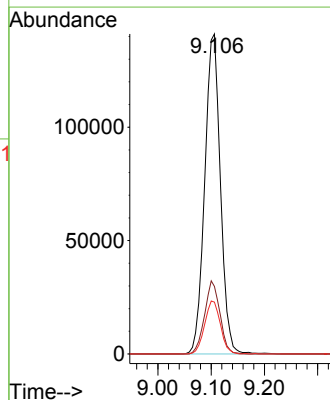
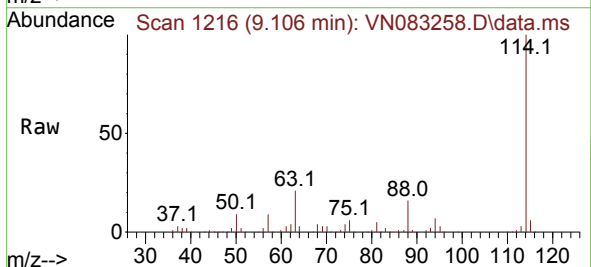
Tgt Ion: 114 Resp: 289239

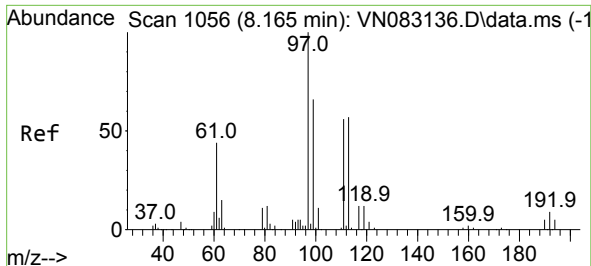
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.830 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

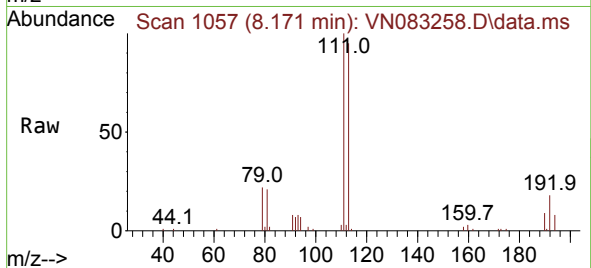
Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

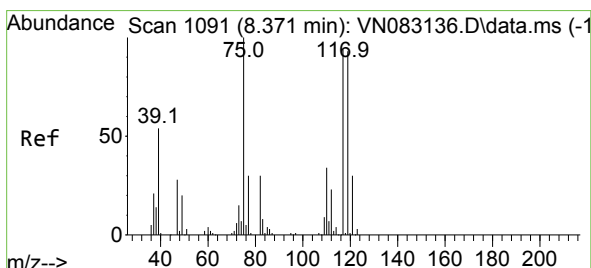
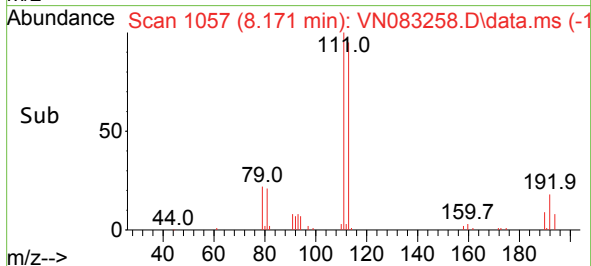
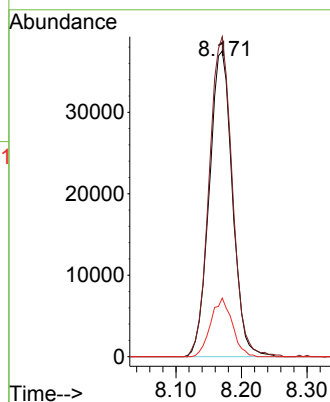
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 91766 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 104.9 | 82.4  | 123.6 |
| 192      | 17.9  | 14.9  | 22.3  |



#36

1,1-Dichloropropene

Concen: 0.440 ug/l

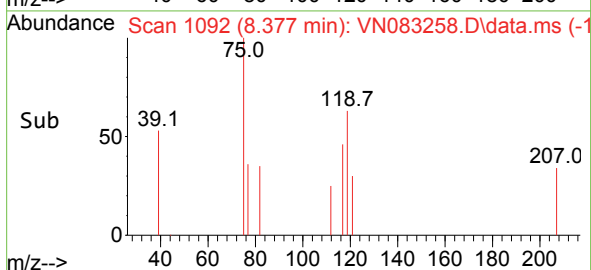
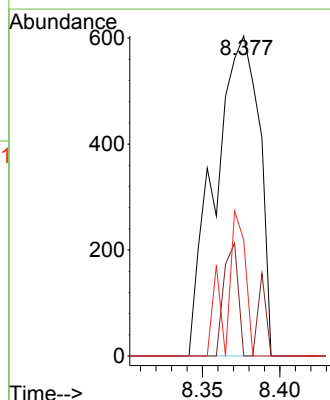
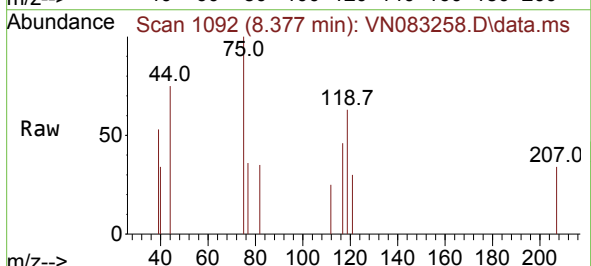
RT: 8.377 min Scan# 1092

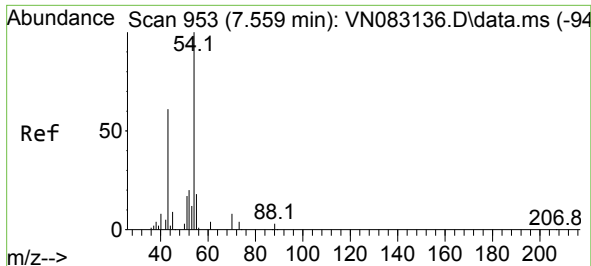
Delta R.T. 0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 1201  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 11.3  | 16.3  | 48.9# |
| 77       | 19.6  | 24.6  | 37.0# |





#37

Ethyl Acetate

Concen: 0.133 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

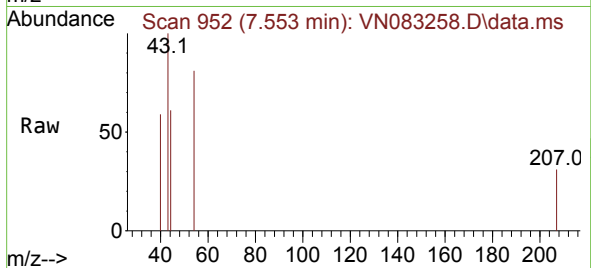
Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

ClientSampleId :



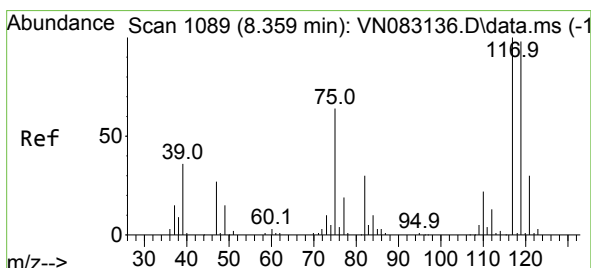
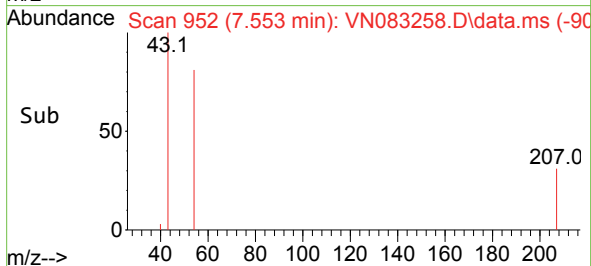
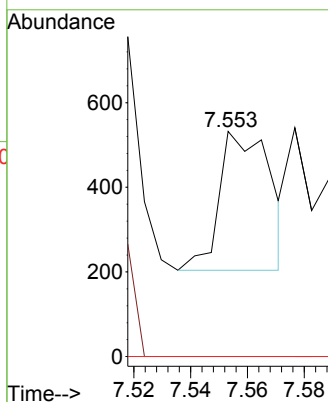
Tgt Ion: 43 Resp: 408

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 0.407 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

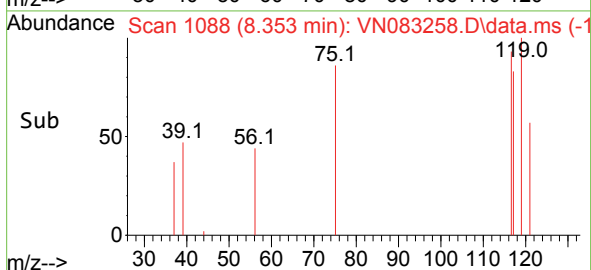
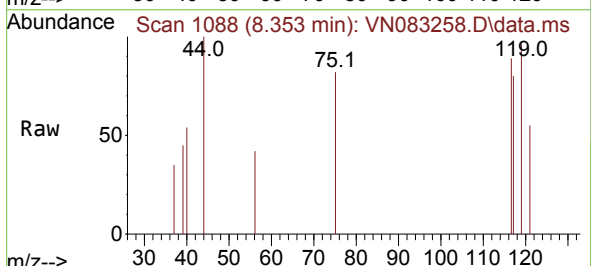
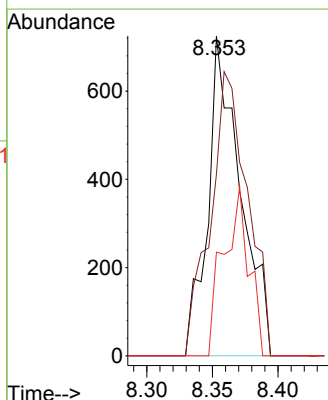
Tgt Ion: 117 Resp: 1253

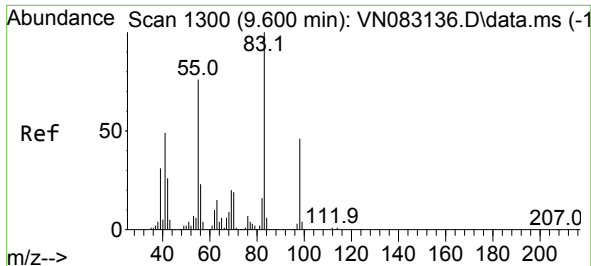
Ion Ratio Lower Upper

117 100

119 56.8 74.9 112.3#

121 32.4 24.3 36.5





#39

Methylcyclohexane

Concen: 0.411 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

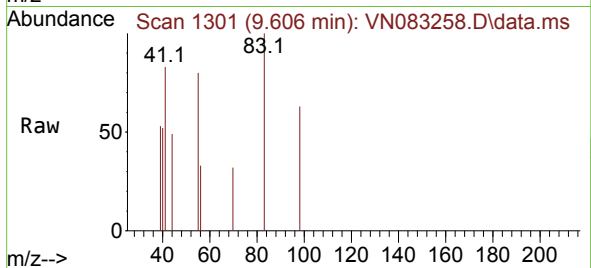
Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

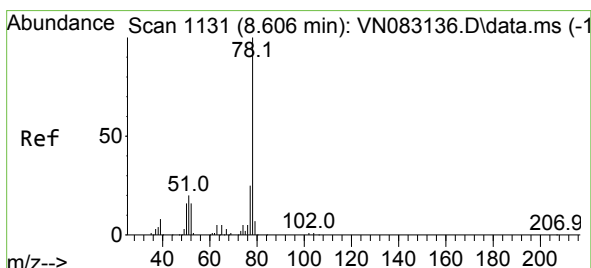
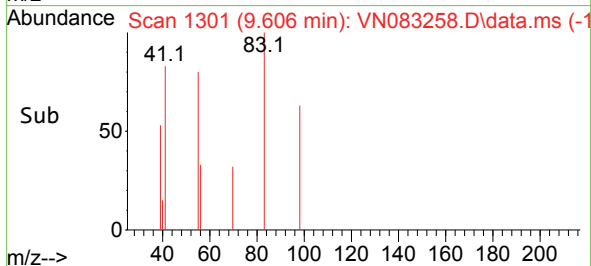
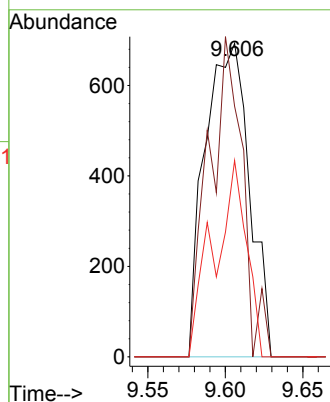
Instrument :

MSVOA\_N

ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 83 | Resp: 1380      |
| Ion Ratio   | Lower Upper     |
| 83          | 100             |
| 55          | 79.9 66.4 99.6  |
| 98          | 62.6 40.7 61.1# |



#40

Benzene

Concen: 0.442 ug/l

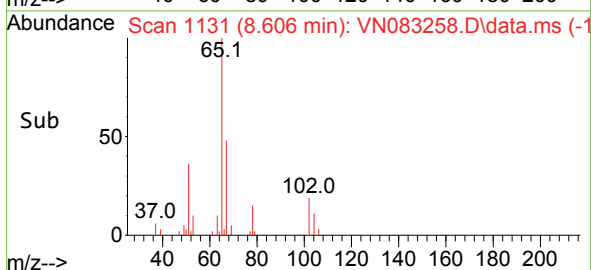
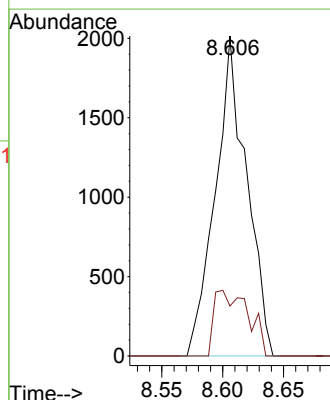
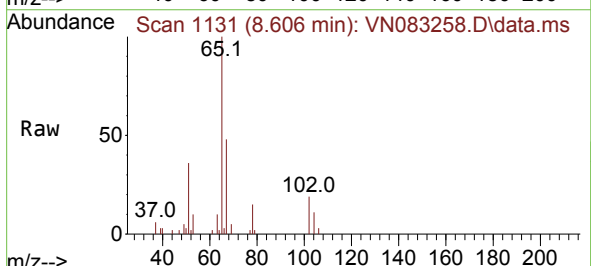
RT: 8.606 min Scan# 1131

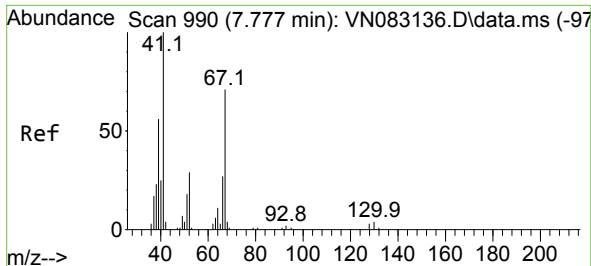
Delta R.T. -0.000 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

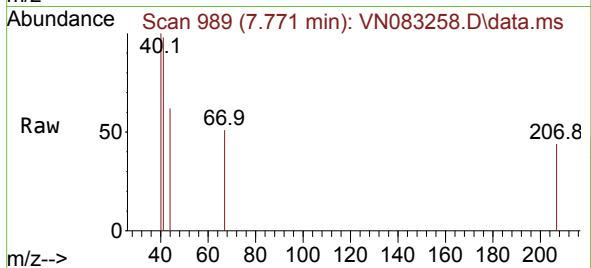
|             |                 |
|-------------|-----------------|
| Tgt Ion: 78 | Resp: 3596      |
| Ion Ratio   | Lower Upper     |
| 78          | 100             |
| 77          | 15.6 19.0 28.4# |



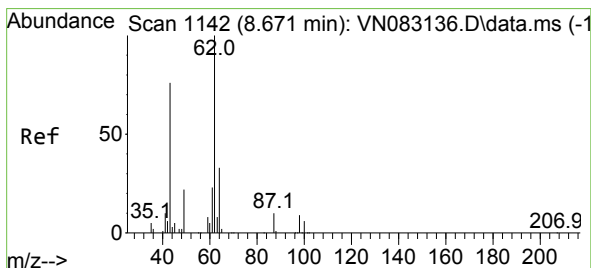
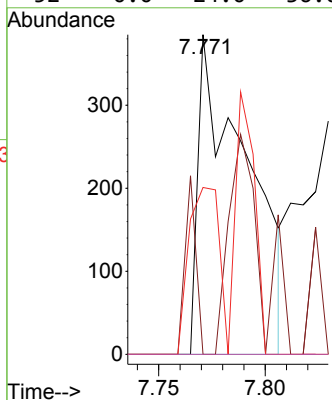
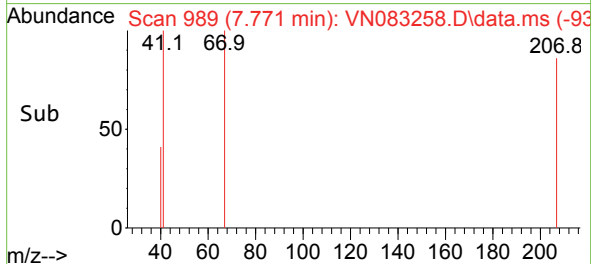


#41  
Methacrylonitrile  
Concen: 0.351 ug/l  
RT: 7.771 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :

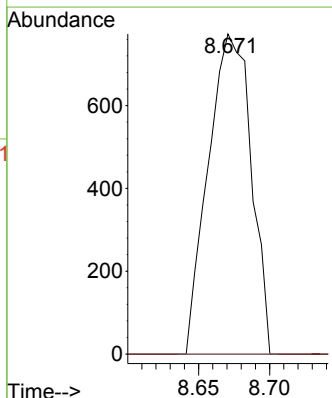
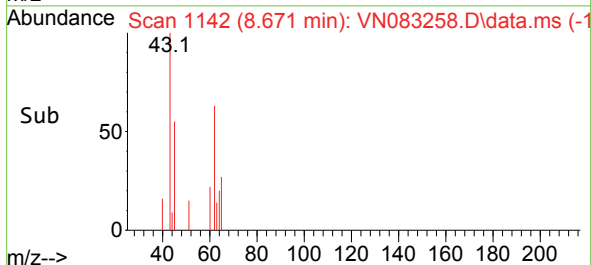
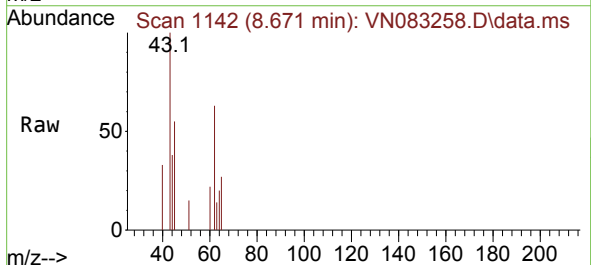


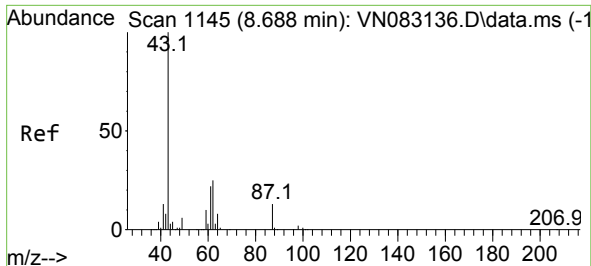
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 610   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 12.5  | 45.5  | 68.3# |
| 67       | 32.5  | 50.5  | 75.7# |
| 52       | 0.0   | 24.0  | 36.0# |



#42  
1,2-Dichloroethane  
Concen: 0.548 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

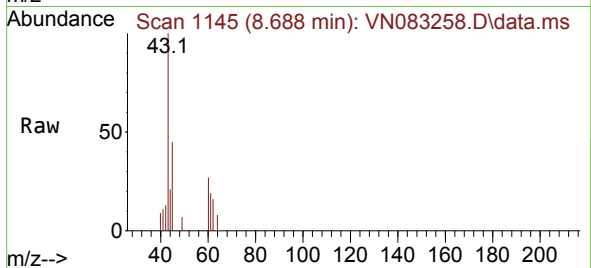
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 1623  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 0.0   | 0.0   | 15.8  |



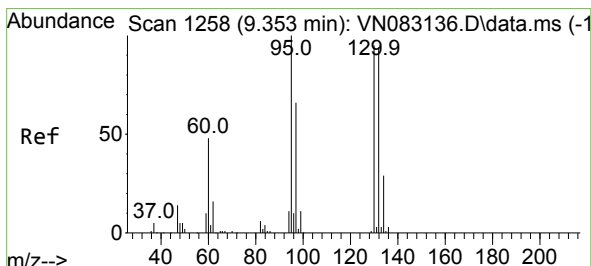
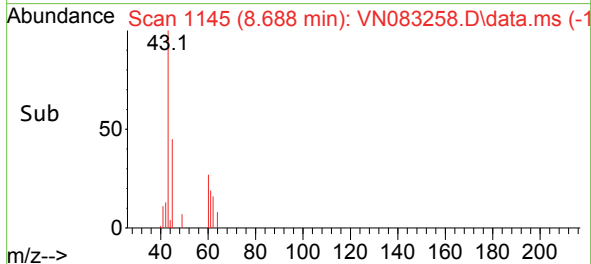
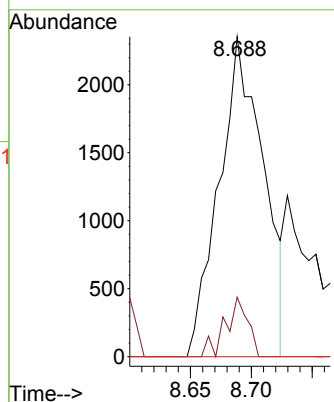


#43  
Isopropyl Acetate  
Concen: 0.848 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :

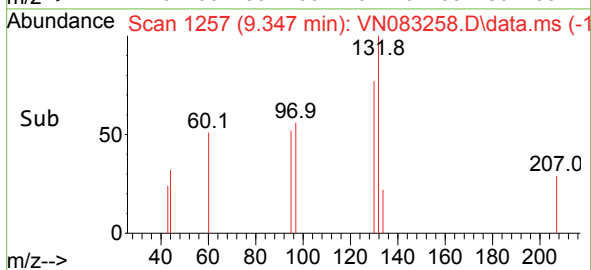
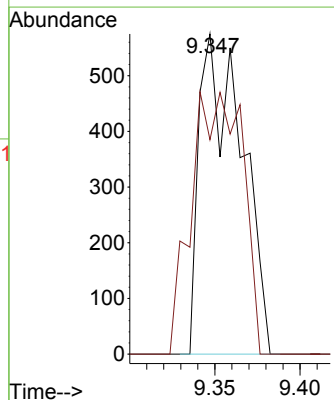
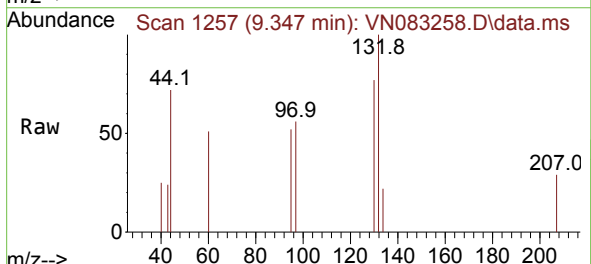


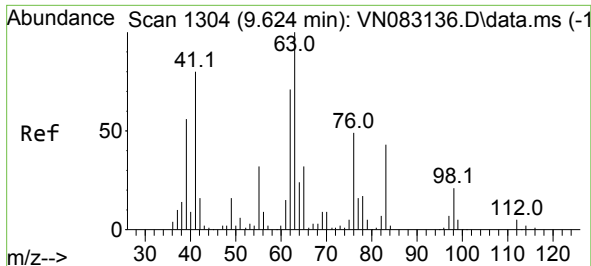
Tgt Ion: 43 Resp: 5941  
Ion Ratio Lower Upper  
43 100  
61 9.4 17.8 26.6#  
87 0.0 8.2 12.2#



#44  
Trichloroethene  
Concen: 0.516 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion:130 Resp: 999  
Ion Ratio Lower Upper  
130 100  
95 67.0 0.0 197.8





#45

1,2-Dichloropropane

Concen: 0.368 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

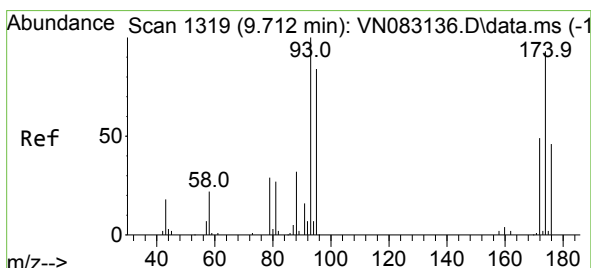
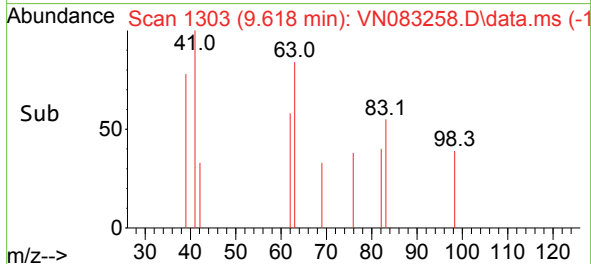
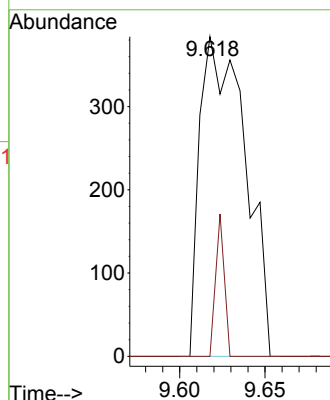
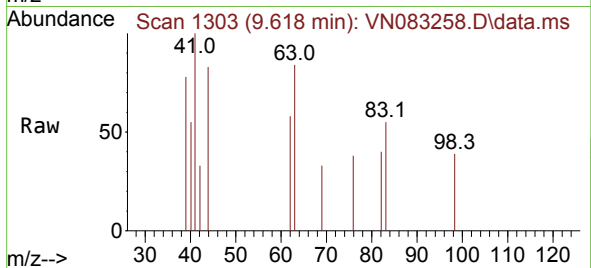
ClientSampleId :

Tgt Ion: 63 Resp: 711

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#46

Dibromomethane

Concen: 0.368 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

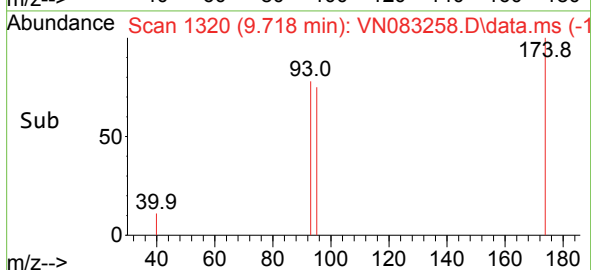
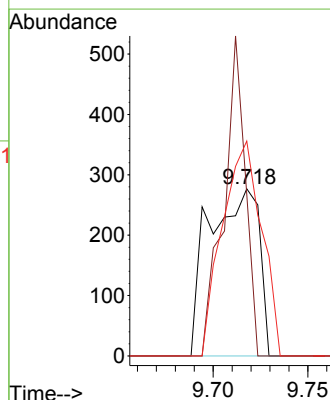
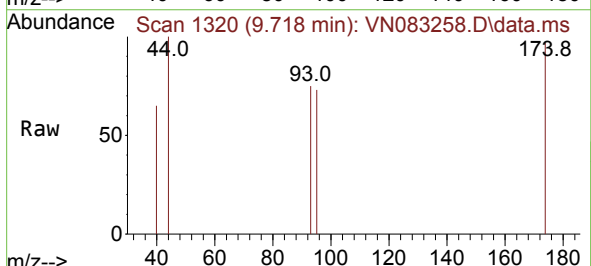
Tgt Ion: 93 Resp: 508

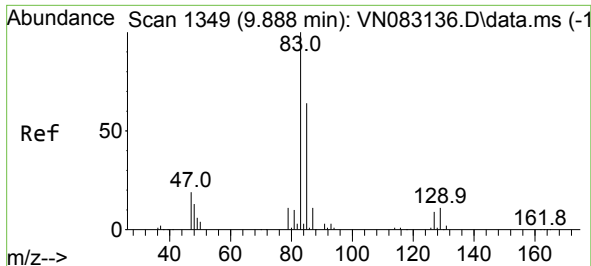
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

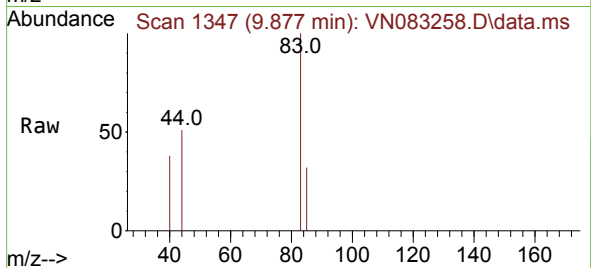
174 100.8 71.7 107.5



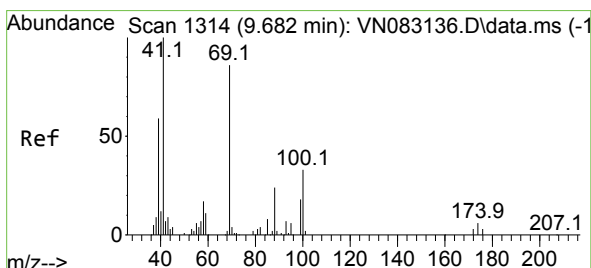
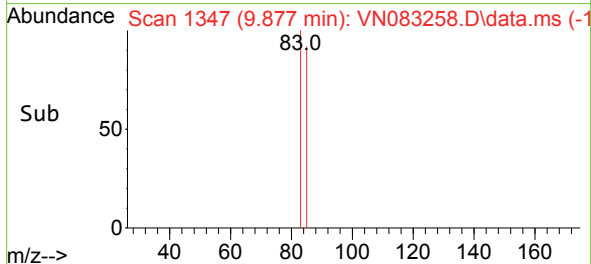
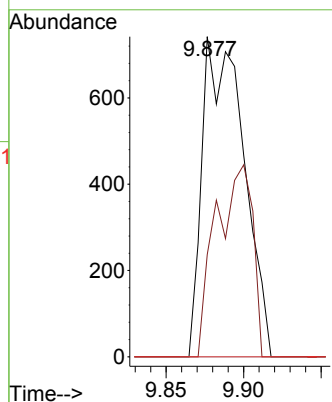


#47  
Bromodichloromethane  
Concen: 0.444 ug/l  
RT: 9.877 min Scan# 1347  
Delta R.T. -0.012 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :

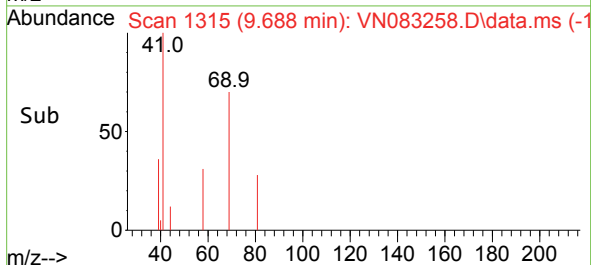
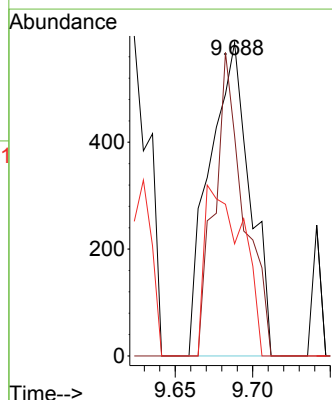
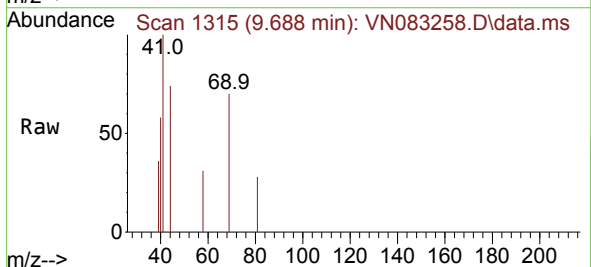


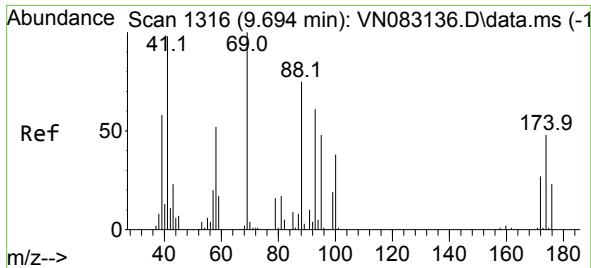
Tgt Ion: 83 Resp: 1377  
Ion Ratio Lower Upper  
83 100  
85 31.9 51.1 76.7#  
127 0.0 7.2 10.8#



#48  
Methyl methacrylate  
Concen: 0.420 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

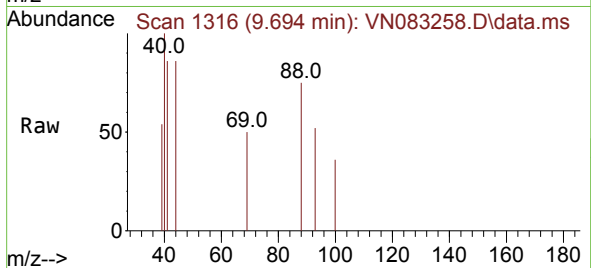
Tgt Ion: 41 Resp: 1062  
Ion Ratio Lower Upper  
41 100  
69 70.3 56.3 84.5  
39 50.9 50.3 75.5



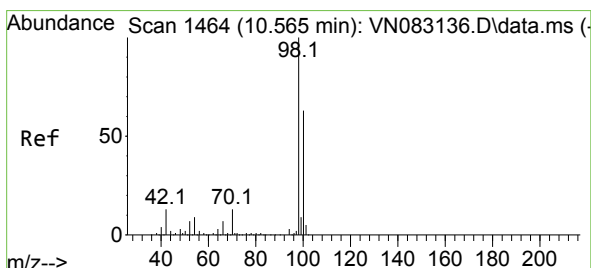
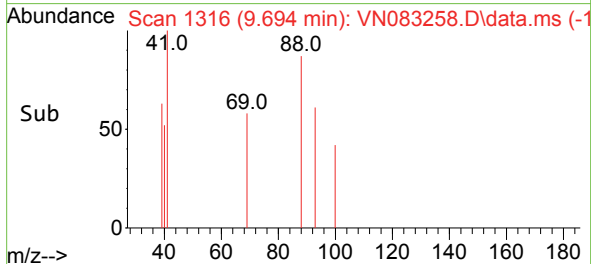
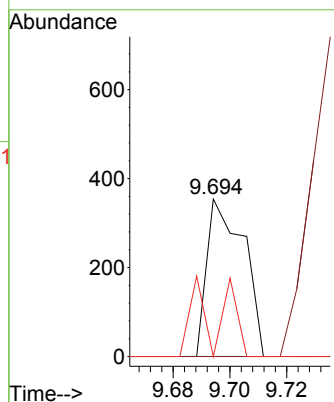


#49  
1,4-Dioxane  
Concen: 6.972 ug/l  
RT: 9.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :

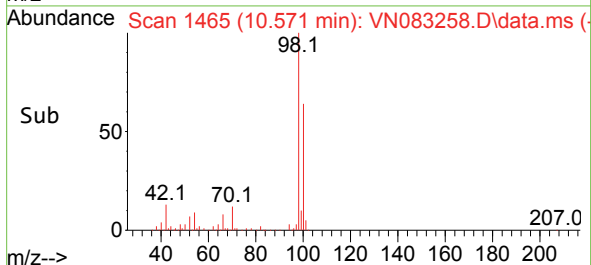
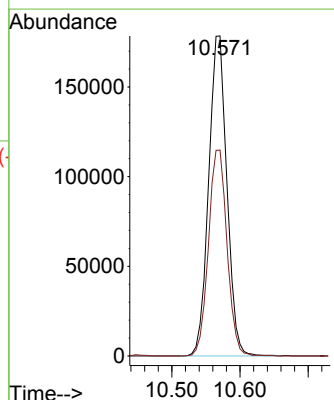
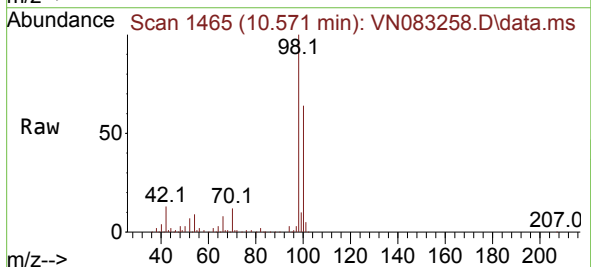


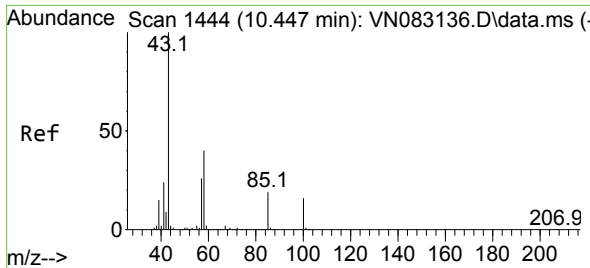
Tgt Ion: 88 Resp: 318  
Ion Ratio Lower Upper  
88 100  
43 0.0 27.8 41.8#  
58 39.6 59.4 89.0#



#50  
Toluene-d8  
Concen: 49.348 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion: 98 Resp: 332333  
Ion Ratio Lower Upper  
98 100  
100 65.5 51.5 77.3

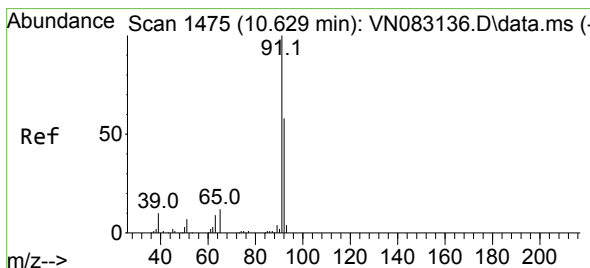
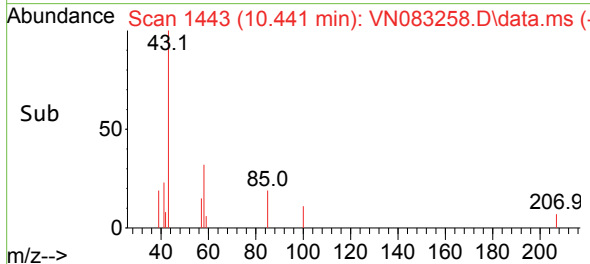
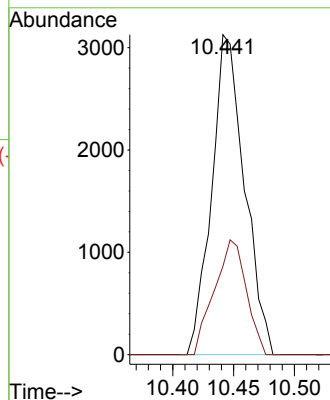
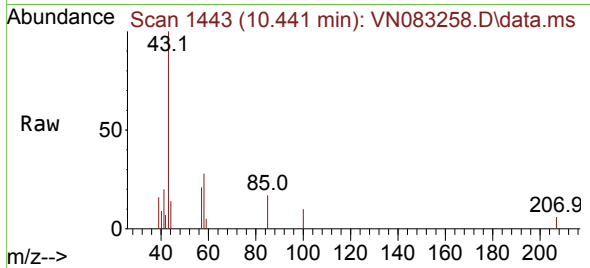




#51  
4-Methyl-2-Pentanone  
Concen: 2.027 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

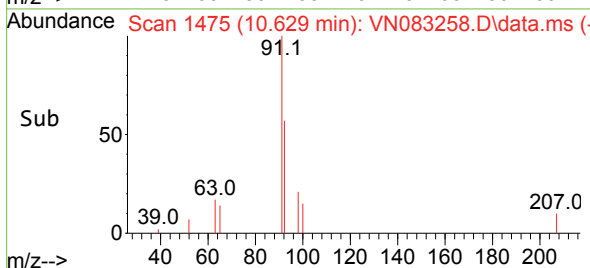
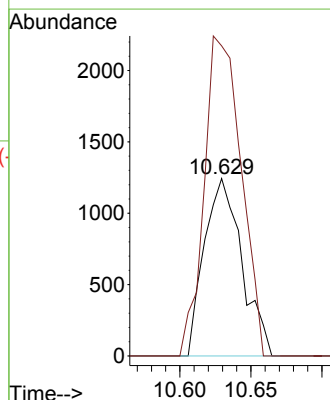
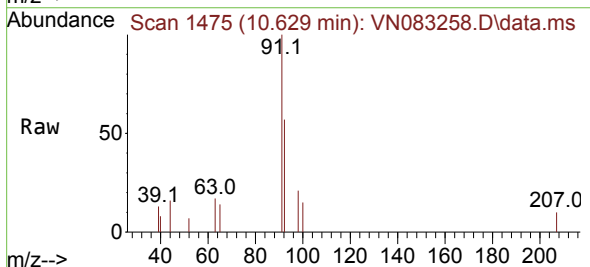
Instrument :  
MSVOA\_N  
ClientSampleId :

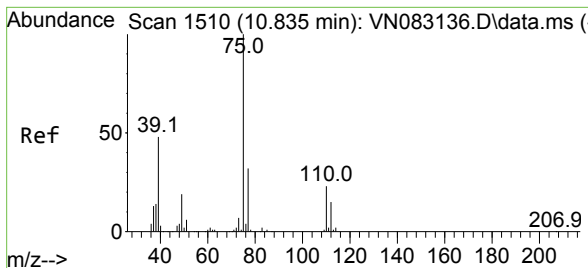
Tgt Ion: 43 Resp: 5862  
Ion Ratio Lower Upper  
43 100  
58 35.0 28.2 42.4



#52  
Toluene  
Concen: 0.444 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion: 92 Resp: 2283  
Ion Ratio Lower Upper  
92 100  
91 178.1 139.4 209.0

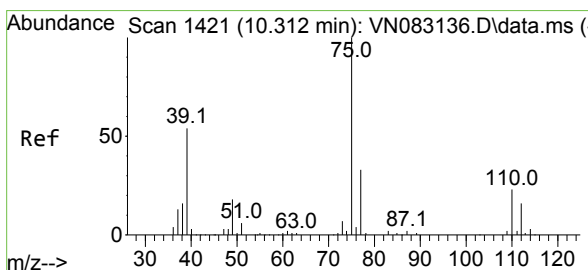
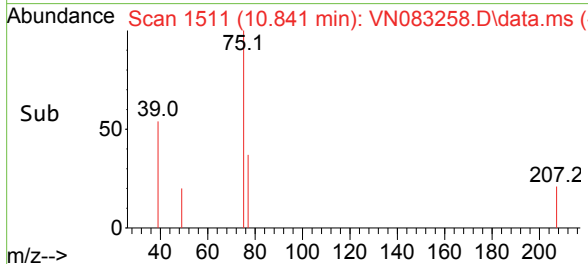
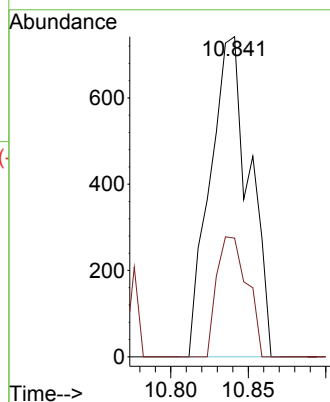
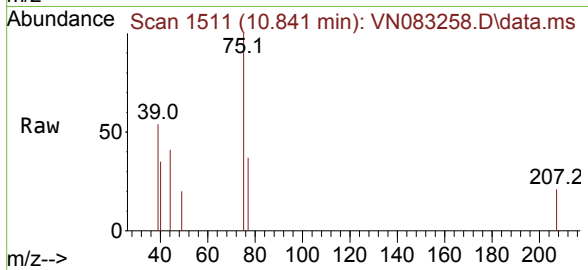




#53  
t-1,3-Dichloropropene  
Concen: 0.411 ug/l  
RT: 10.841 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

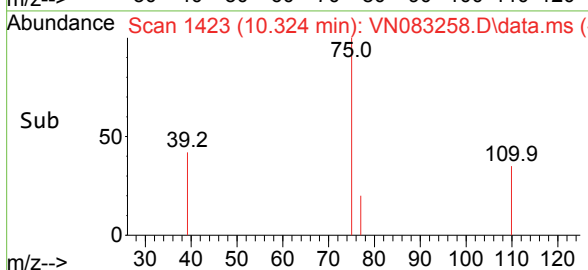
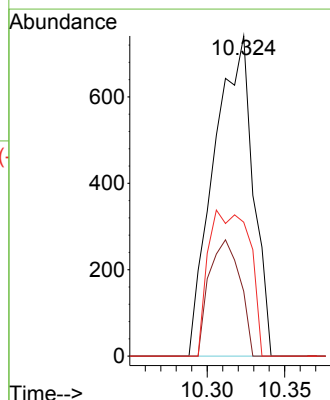
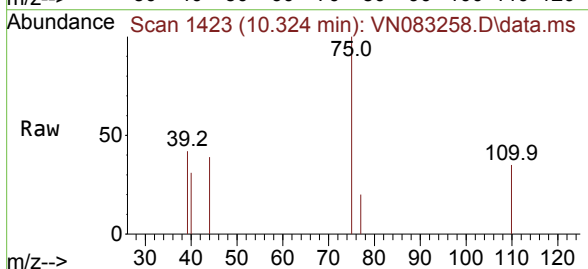
Instrument :  
MSVOA\_N  
ClientSampleId :

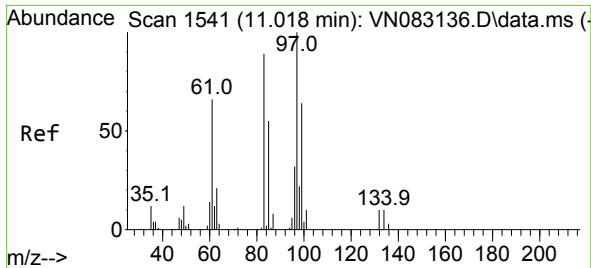
Tgt Ion: 75 Resp: 1310  
Ion Ratio Lower Upper  
75 100  
77 37.1 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 0.383 ug/l  
RT: 10.324 min Scan# 1423  
Delta R.T. 0.012 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

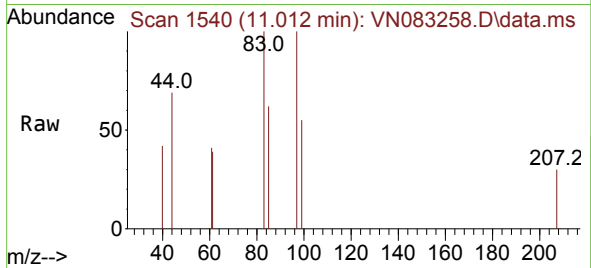
Tgt Ion: 75 Resp: 1298  
Ion Ratio Lower Upper  
75 100  
77 20.2 24.3 36.5#  
39 41.8 50.5 75.7#



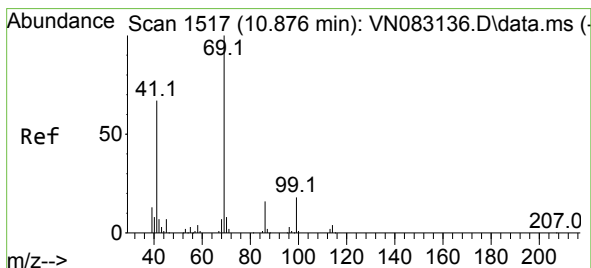
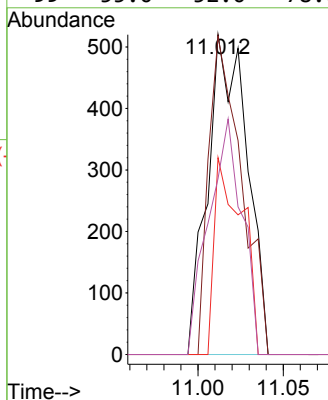
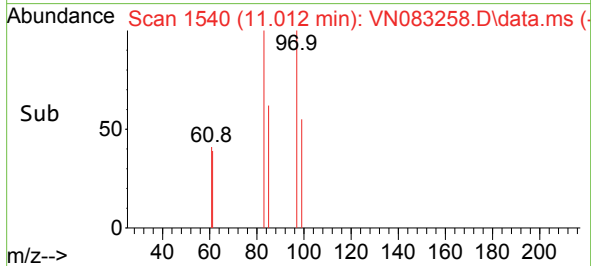


#55  
1,1,2-Trichloroethane  
Concen: 0.454 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

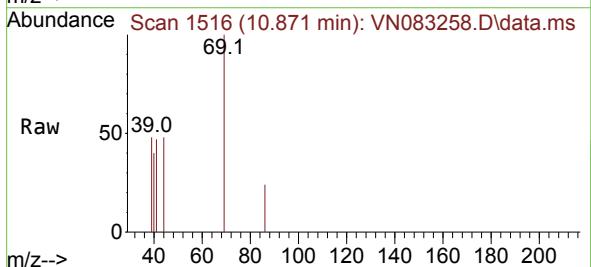
Instrument :  
MSVOA\_N  
ClientSampleId :



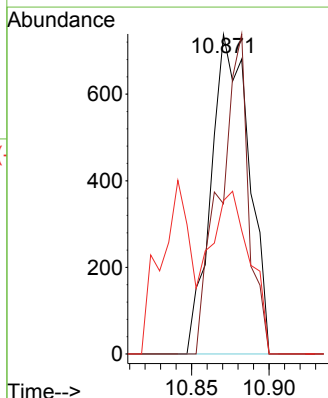
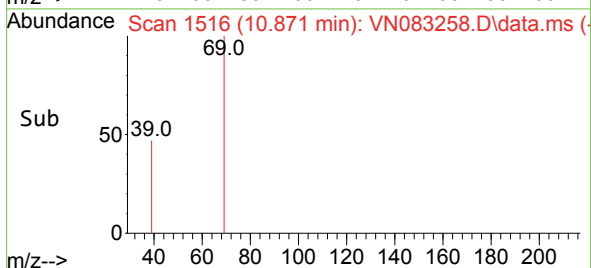
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 837   |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 99.6     | 71.4 107.0  |
| 85 61.5     | 45.8 68.6   |
| 99 55.0     | 52.0 78.0   |

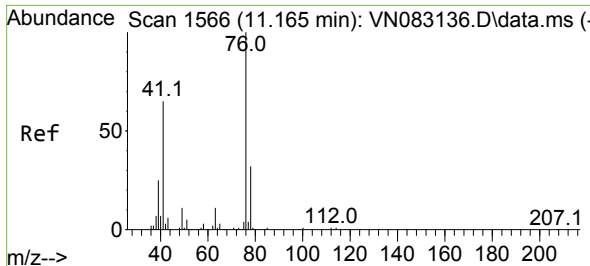


#56  
Ethyl methacrylate  
Concen: 0.362 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19



|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 1258  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 75.4     | 63.4 95.2   |
| 39 53.4     | 37.4 56.0   |





#57

1,3-Dichloropropane

Concen: 0.447 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

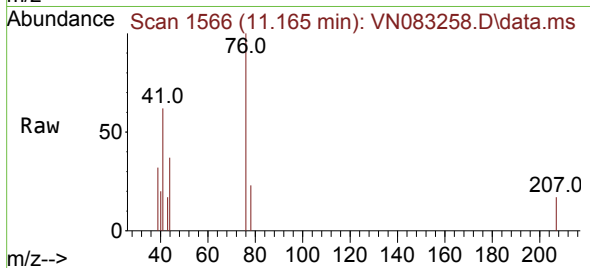
Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

ClientSampleId :

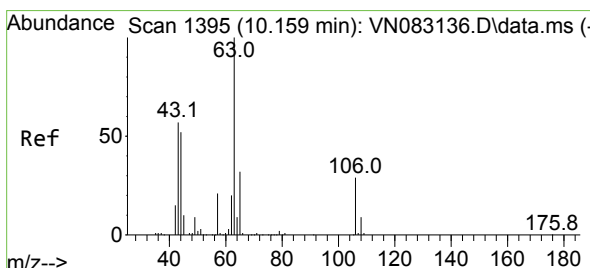
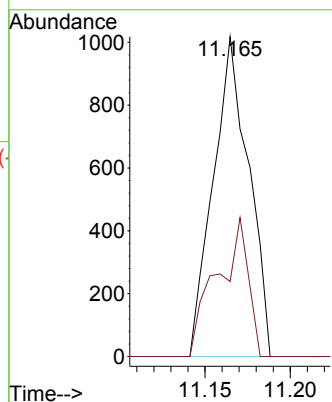
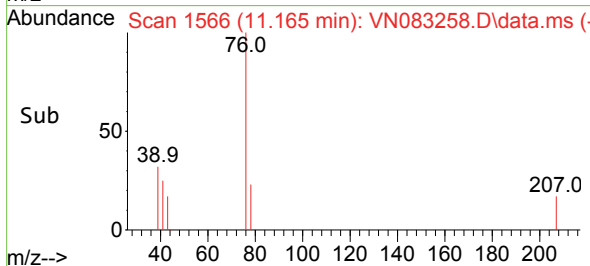


Tgt Ion: 76 Resp: 1469

Ion Ratio Lower Upper

76 100

78 38.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 1.940 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN083258.D

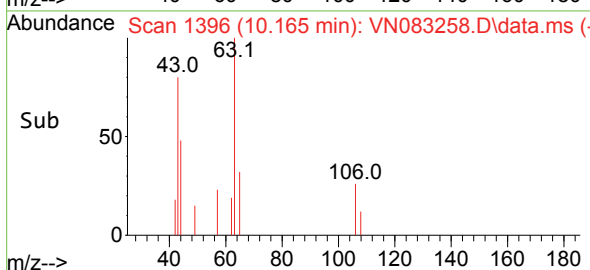
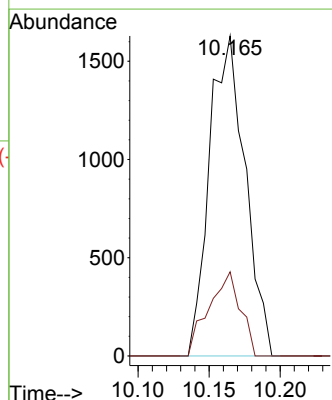
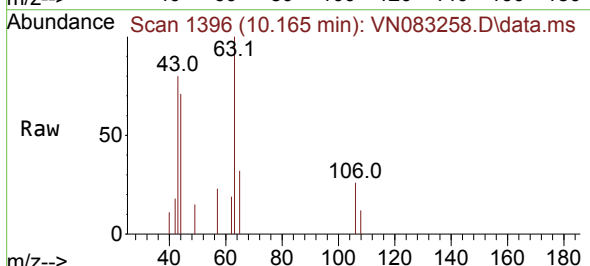
Acq: 13 Aug 2024 15:19

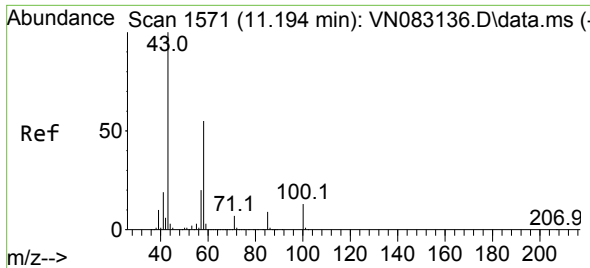
Tgt Ion: 63 Resp: 2848

Ion Ratio Lower Upper

63 100

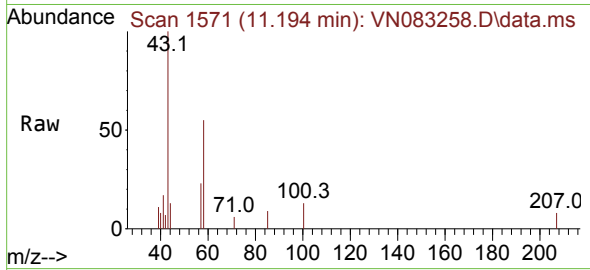
106 23.2 21.4 32.0



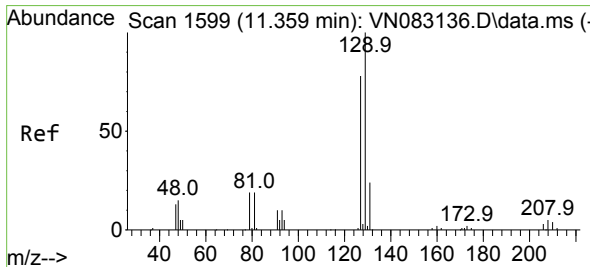
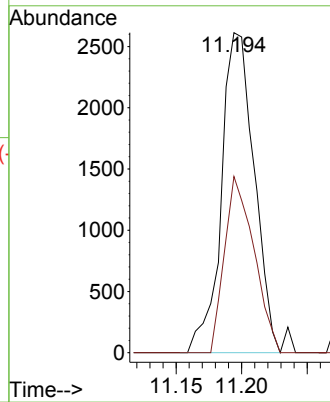
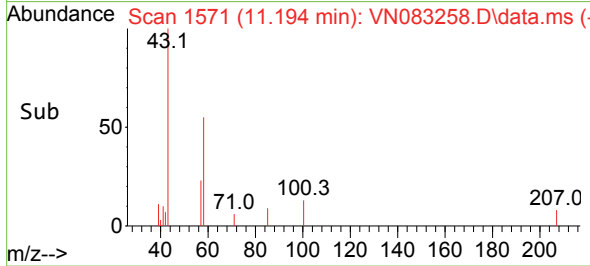


#59  
2-Hexanone  
Concen: 2.033 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :

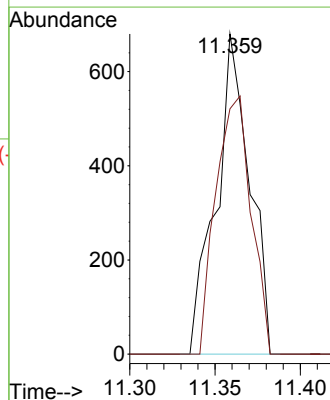
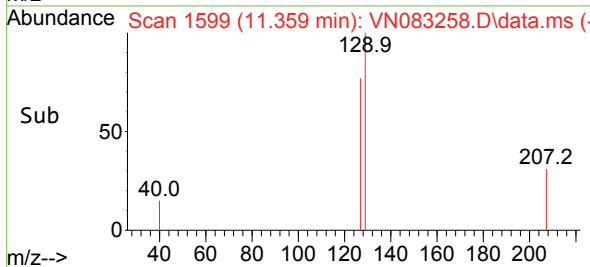
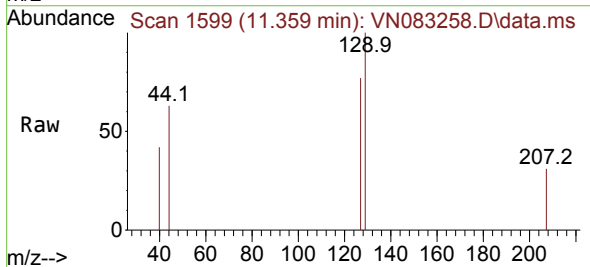


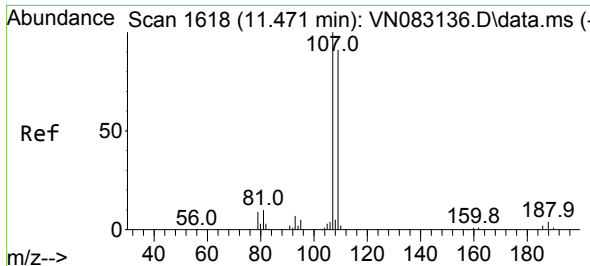
Tgt Ion: 43 Resp: 4549  
Ion Ratio Lower Upper  
43 100  
58 49.4 24.6 73.8



#60  
Dibromochloromethane  
Concen: 0.419 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion: 129 Resp: 934  
Ion Ratio Lower Upper  
129 100  
127 84.4 39.2 117.6

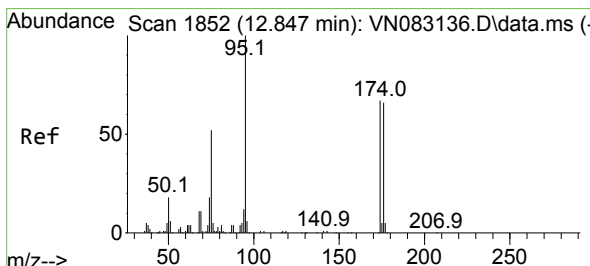
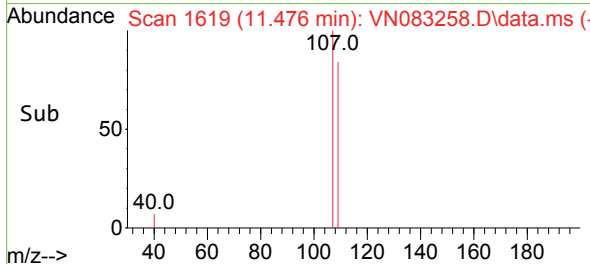
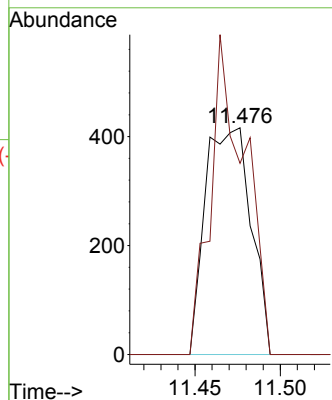
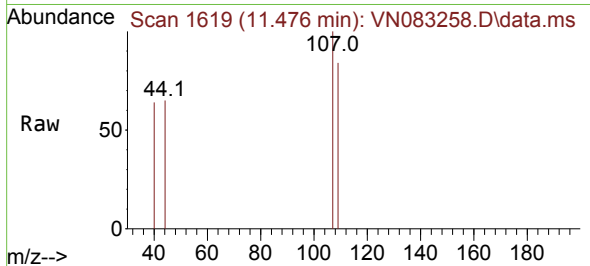




#61  
1,2-Dibromoethane  
Concen: 0.401 ug/l  
RT: 11.476 min Scan# 1618  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

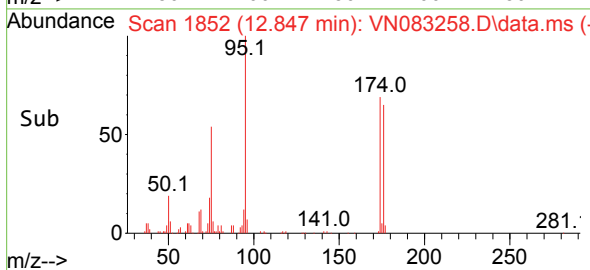
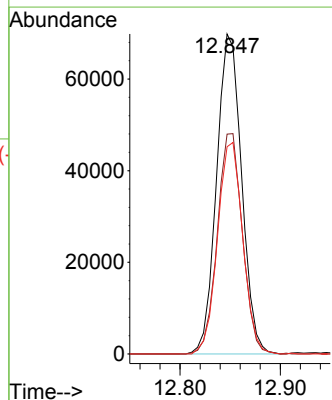
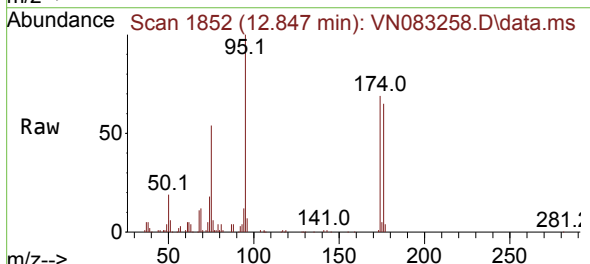
Instrument :  
MSVOA\_N  
ClientSampleId :

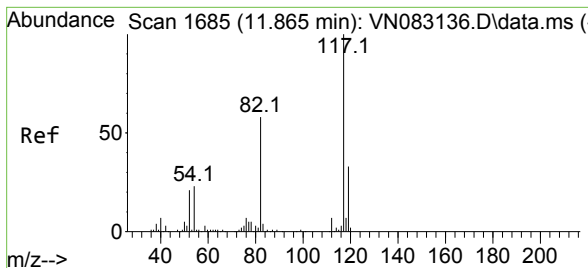
Tgt Ion:107 Resp: 776  
Ion Ratio Lower Upper  
107 100  
109 106.7 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 46.109 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion: 95 Resp: 121059  
Ion Ratio Lower Upper  
95 100  
174 69.0 0.0 159.2  
176 66.7 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

ClientSampleId :

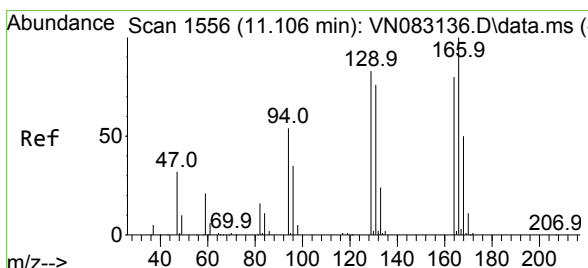
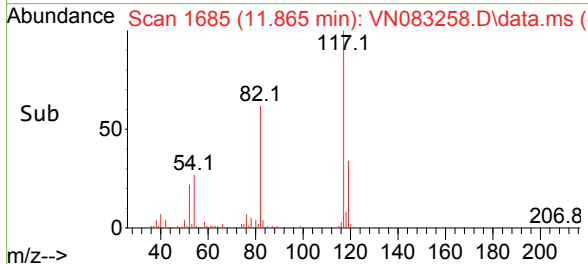
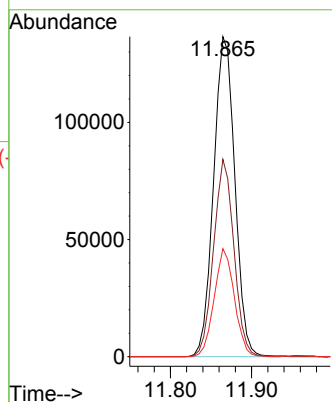
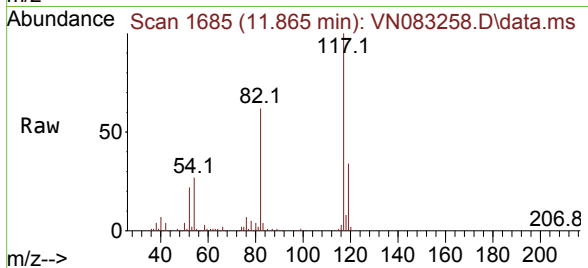
Tgt Ion:117 Resp: 248774

Ion Ratio Lower Upper

117 100

82 61.7 47.5 71.3

119 33.7 25.6 38.4



#64

Tetrachloroethene

Concen: 0.466 ug/l

RT: 11.088 min Scan# 1553

Delta R.T. -0.018 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Tgt Ion:164 Resp: 767

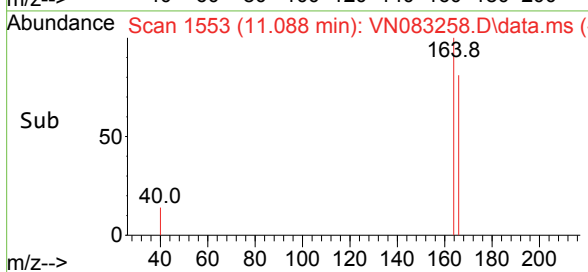
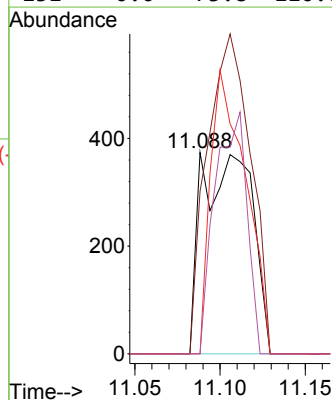
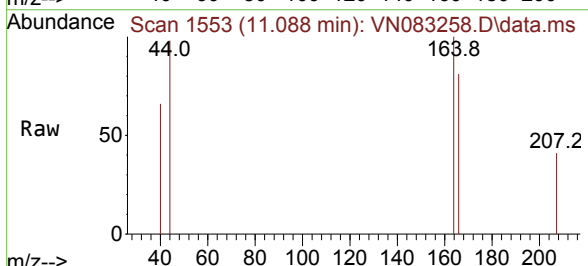
Ion Ratio Lower Upper

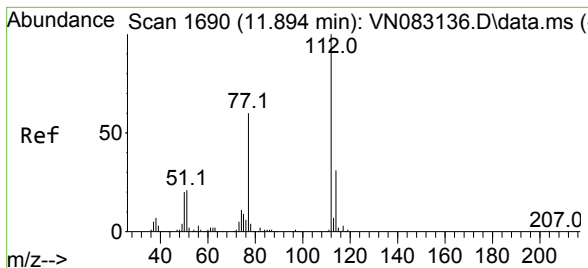
164 100

166 80.7 101.4 152.0#

129 0.0 75.7 113.5#

131 0.0 73.8 110.6#





#65

Chlorobenzene

Concen: 0.479 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

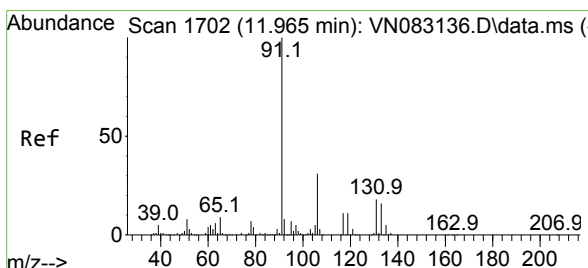
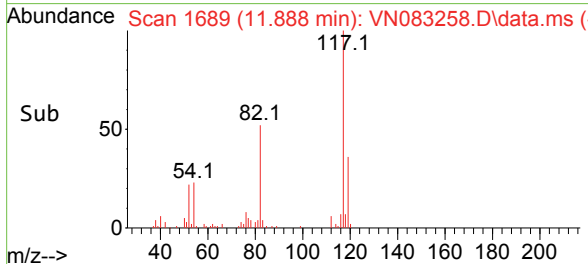
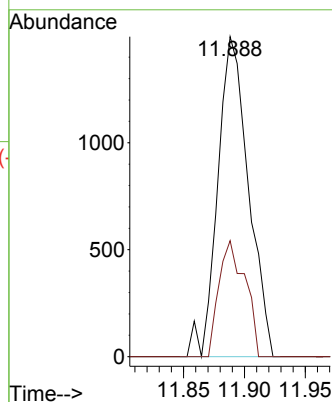
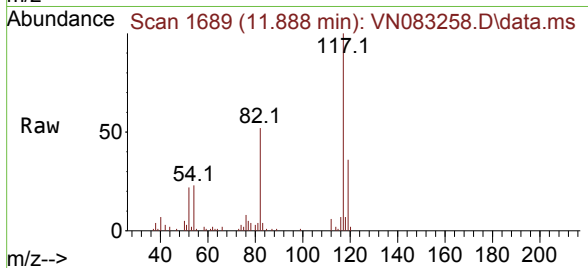
ClientSampleId :

Tgt Ion:112 Resp: 2631

Ion Ratio Lower Upper

112 100

114 36.2 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 0.450 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

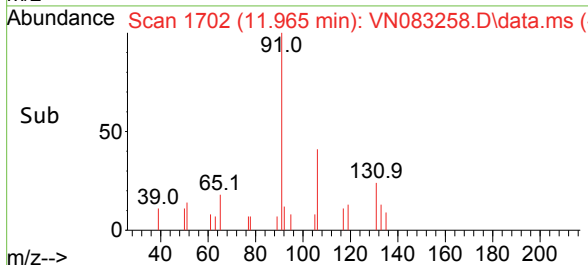
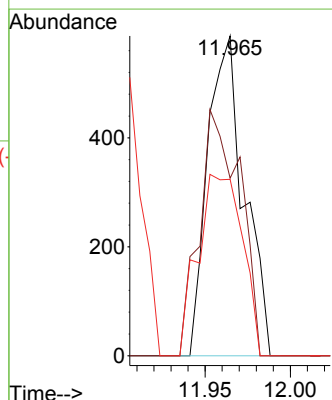
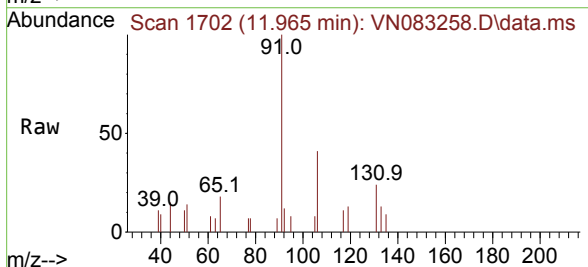
Tgt Ion:131 Resp: 873

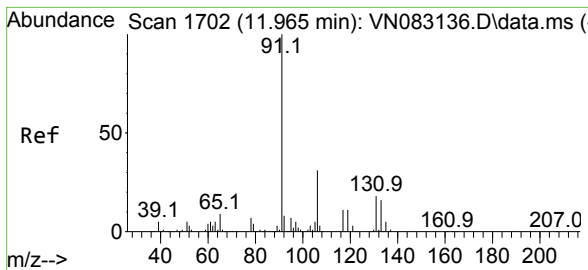
Ion Ratio Lower Upper

131 100

133 86.1 47.3 142.0

119 0.0 32.5 97.4#

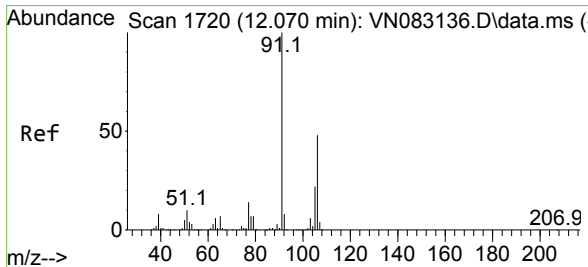
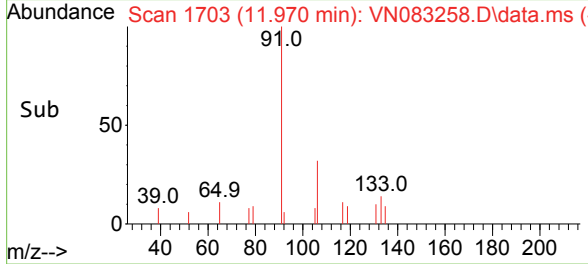
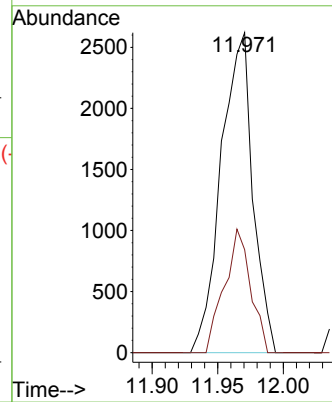
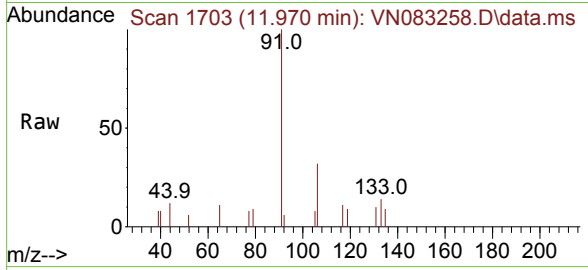




#67  
Ethyl Benzene  
Concen: 0.436 ug/l  
RT: 11.970 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

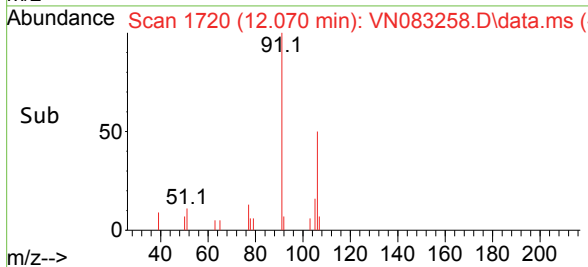
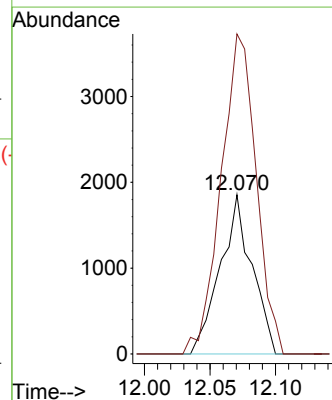
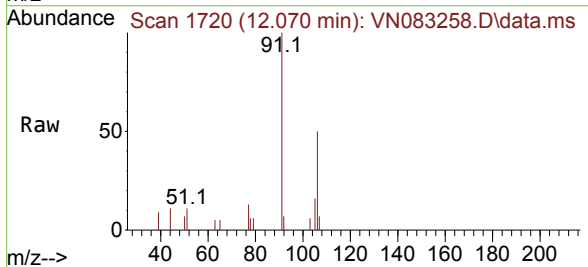
Instrument :  
MSVOA\_N  
ClientSampleId :

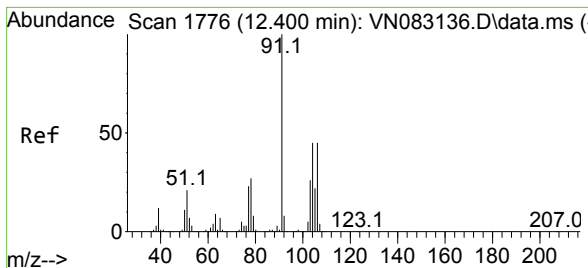
Tgt Ion: 91 Resp: 4401  
Ion Ratio Lower Upper  
91 100  
106 32.2 24.0 36.0



#68  
m/p-Xylenes  
Concen: 0.828 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion: 106 Resp: 3127  
Ion Ratio Lower Upper  
106 100  
91 222.0 166.1 249.1





#69

o-Xylene

Concen: 0.454 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

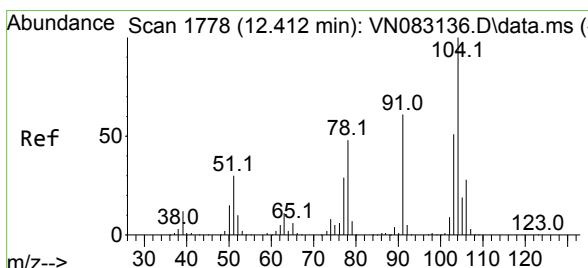
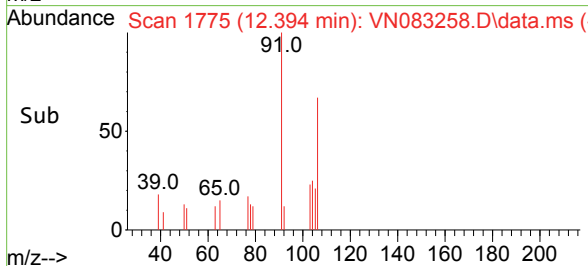
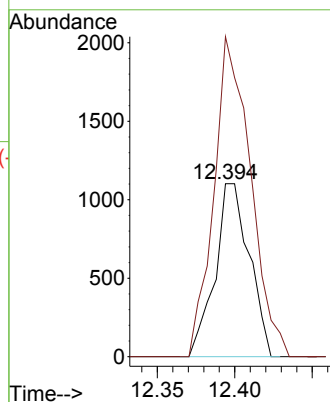
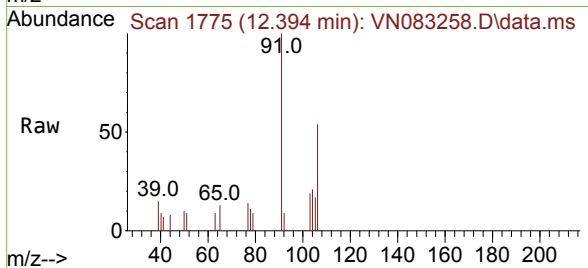
ClientSampleId :

Tgt Ion:106 Resp: 1693

Ion Ratio Lower Upper

106 100

91 198.0 111.3 333.9



#70

Styrene

Concen: 0.439 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

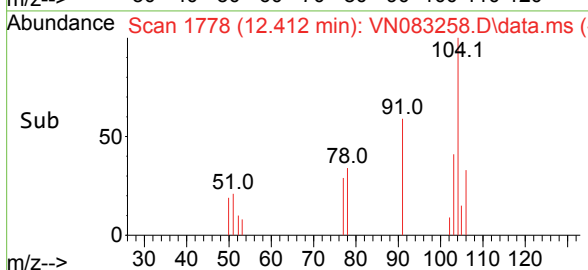
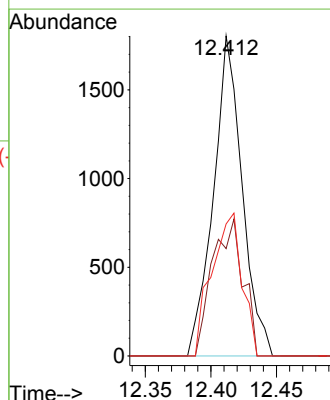
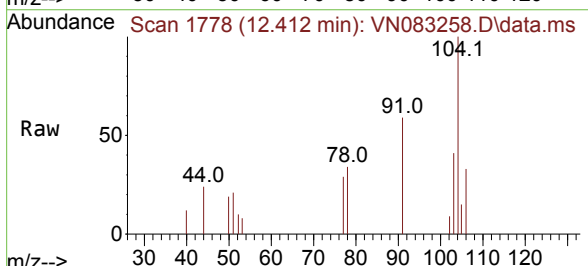
Tgt Ion:104 Resp: 2749

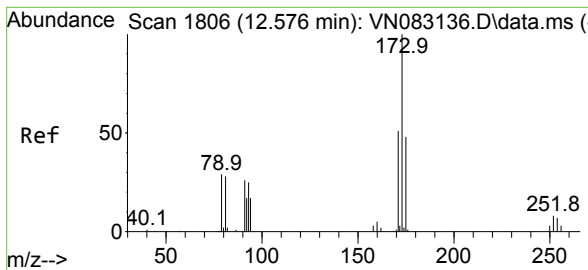
Ion Ratio Lower Upper

104 100

78 45.8 41.6 62.4

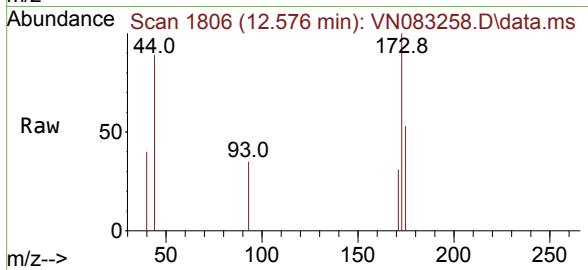
103 46.9 44.0 66.0



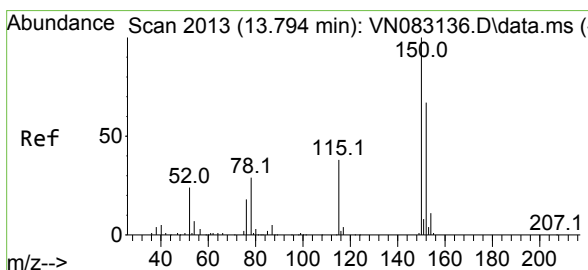
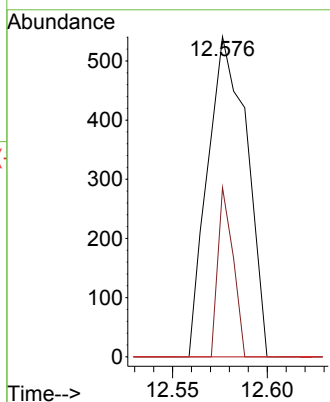


#71  
 Bromoform  
 Concen: 0.529 ug/l  
 RT: 12.576 min Scan# 1806  
 Delta R.T. -0.000 min  
 Lab File: VN083258.D  
 Acq: 13 Aug 2024 15:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :

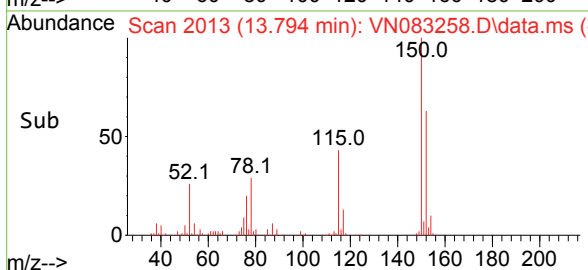
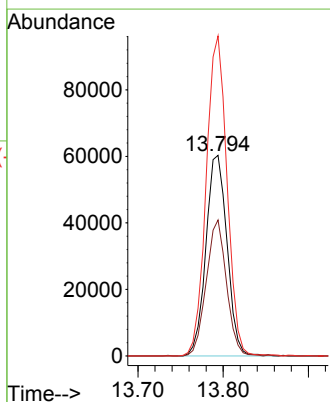
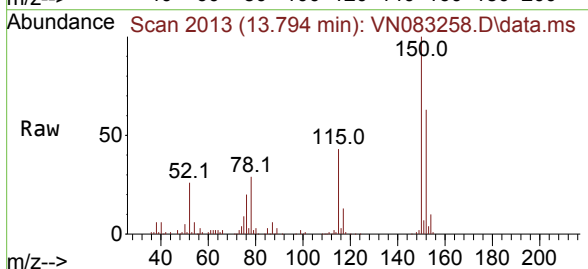


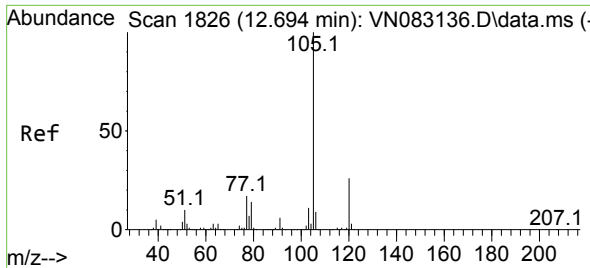
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 777   |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 20.6  | 24.0  | 72.0# |
| 254       | 0.0   | 0.0   | 0.0   |



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 2013  
 Delta R.T. -0.000 min  
 Lab File: VN083258.D  
 Acq: 13 Aug 2024 15:19

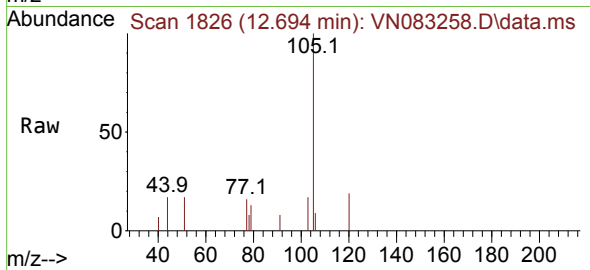
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 103994 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 64.8  | 30.6  | 91.6   |
| 150       | 157.0 | 0.0   | 348.6  |



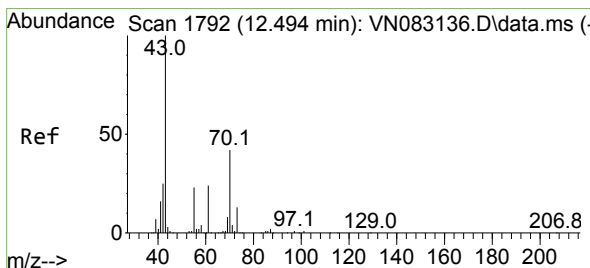
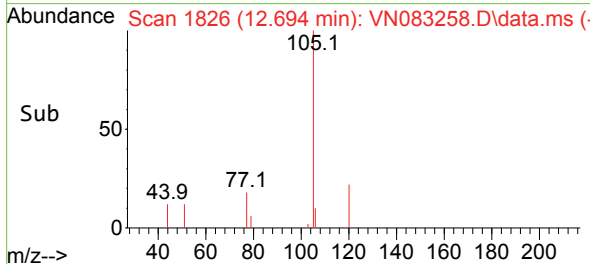
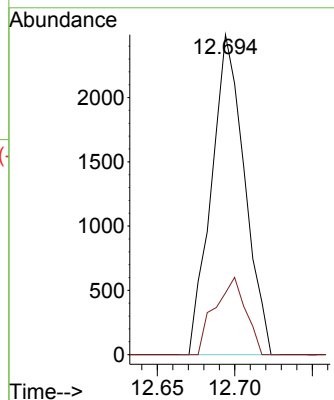


#73  
Isopropylbenzene  
Concen: 0.425 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Instrument :  
MSVOA\_N  
ClientSampleId :

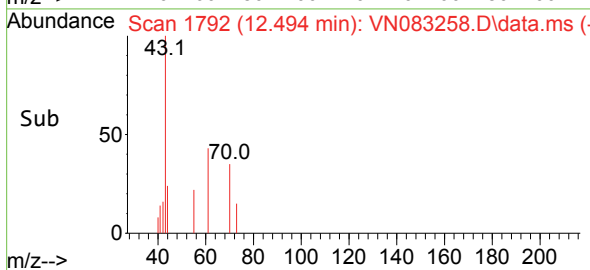
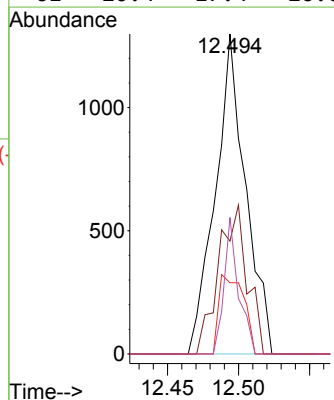
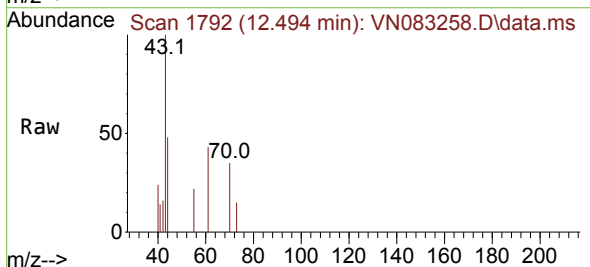


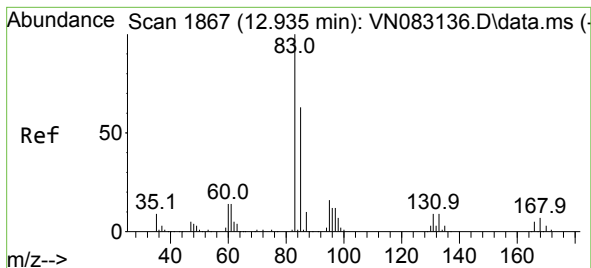
Tgt Ion:105 Resp: 3696  
Ion Ratio Lower Upper  
105 100  
120 22.6 12.9 38.6



#74  
N-ethyl acetate  
Concen: 0.452 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion: 43 Resp: 1921  
Ion Ratio Lower Upper  
43 100  
70 44.2 29.8 44.6  
55 20.2 18.7 28.1  
61 20.4 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.442 ug/l

RT: 12.929 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

ClientSampleId :

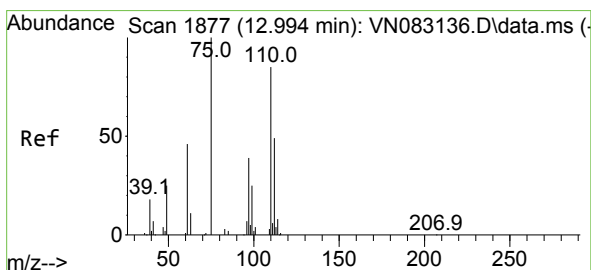
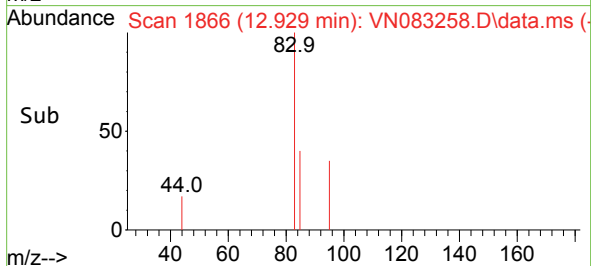
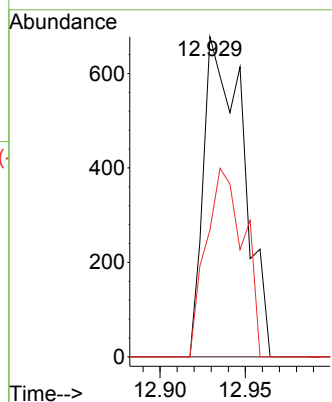
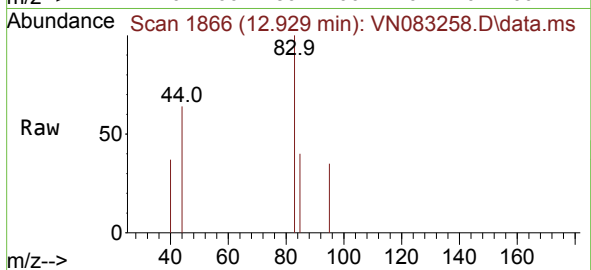
Tgt Ion: 83 Resp: 1088

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 56.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 29.173 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083258.D

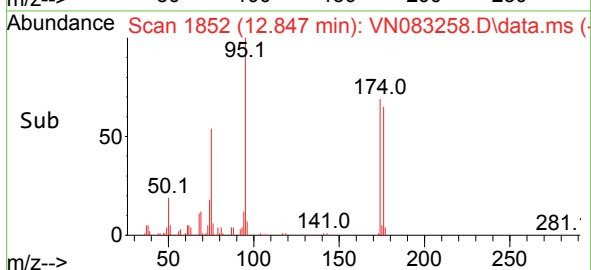
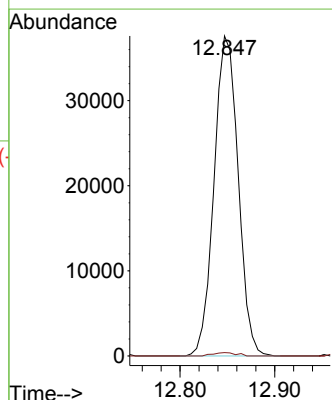
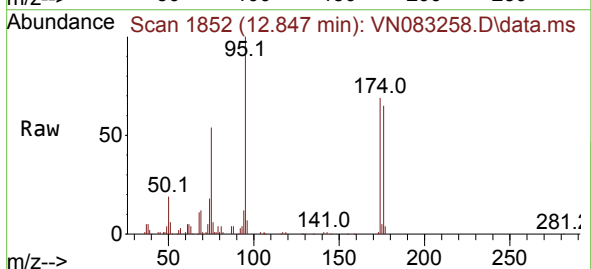
Acq: 13 Aug 2024 15:19

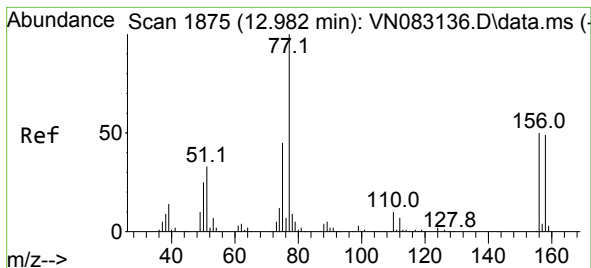
Tgt Ion: 75 Resp: 66585

Ion Ratio Lower Upper

75 100

77 1.0 110.9 332.6#





#77

Bromobenzene

Concen: 0.451 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

ClientSampleId :

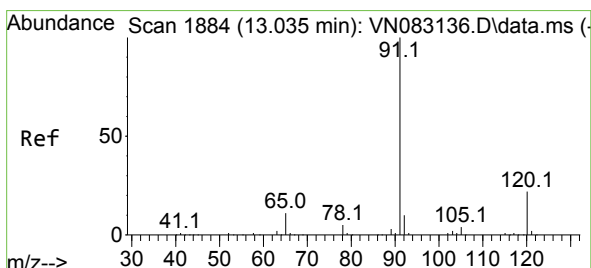
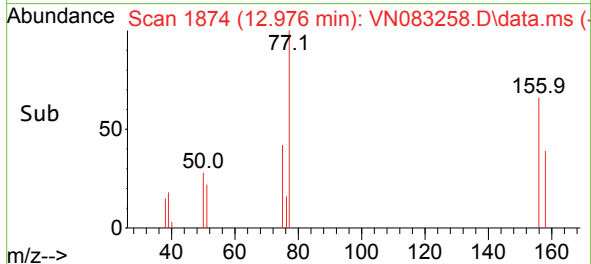
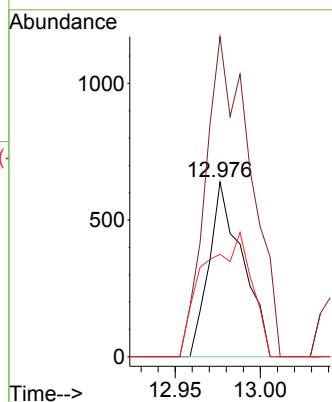
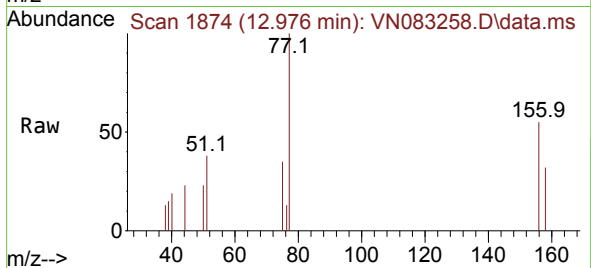
Tgt Ion:156 Resp: 871

Ion Ratio Lower Upper

156 100

77 245.4 111.3 333.8

158 101.7 48.3 144.9



#78

n-propylbenzene

Concen: 0.429 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083258.D

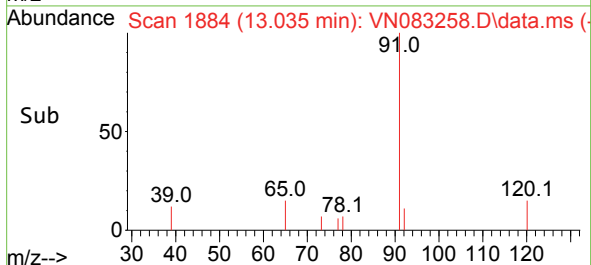
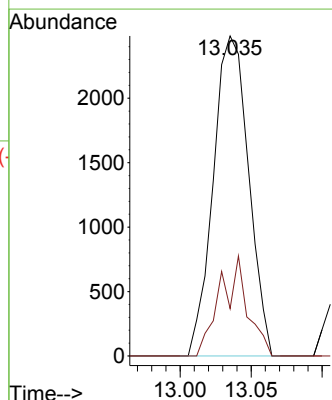
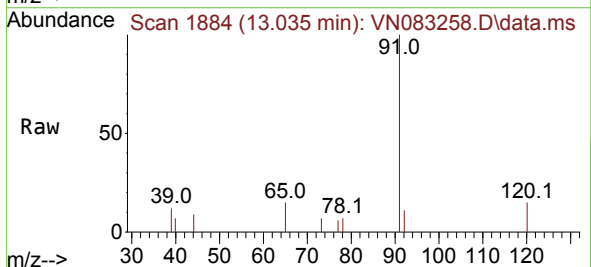
Acq: 13 Aug 2024 15:19

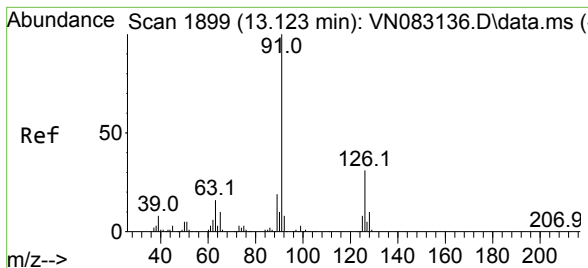
Tgt Ion: 91 Resp: 4300

Ion Ratio Lower Upper

91 100

120 24.3 10.9 32.9





#79

2-Chlorotoluene

Concen: 0.491 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

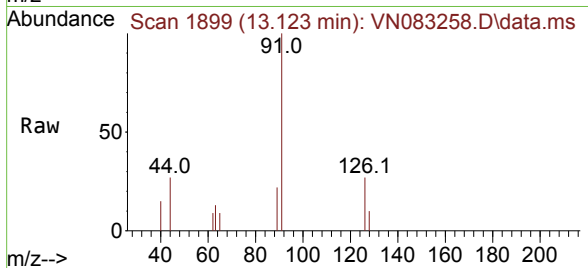
Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

ClientSampleId :

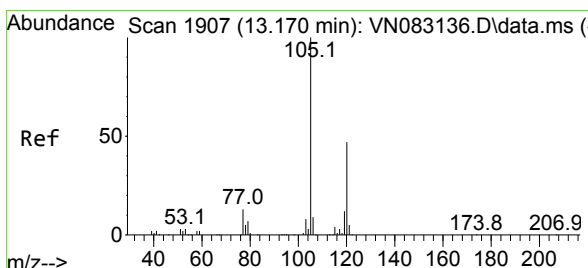
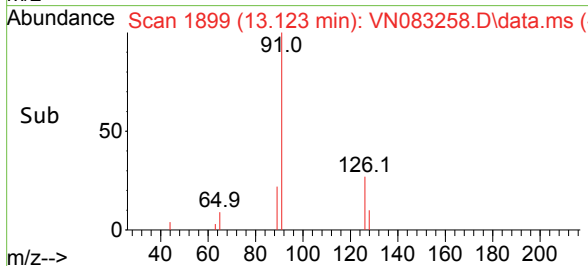
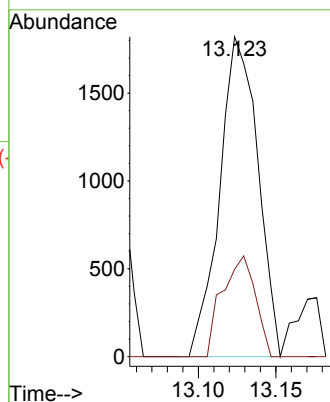


Tgt Ion: 91 Resp: 3118

Ion Ratio Lower Upper

91 100

126 27.3 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 0.451 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083258.D

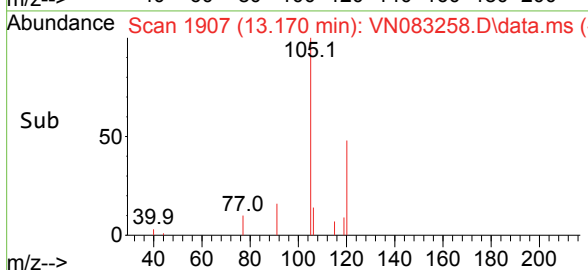
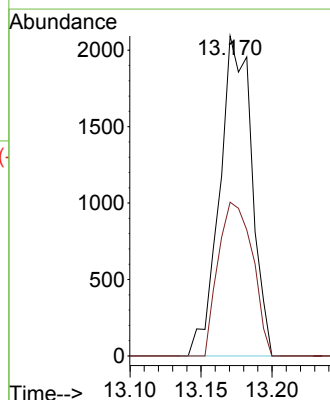
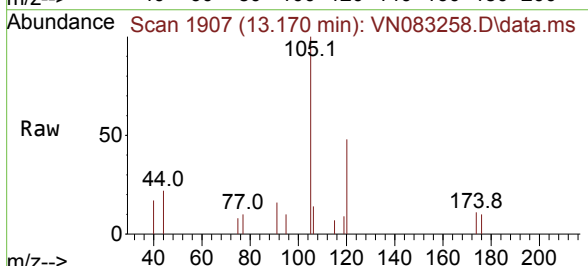
Acq: 13 Aug 2024 15:19

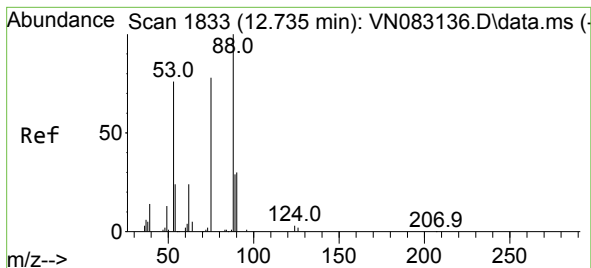
Tgt Ion: 105 Resp: 3285

Ion Ratio Lower Upper

105 100

120 51.4 24.3 72.8

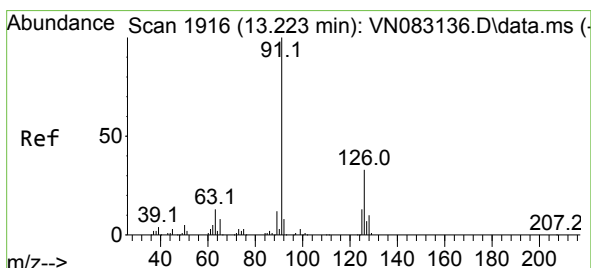
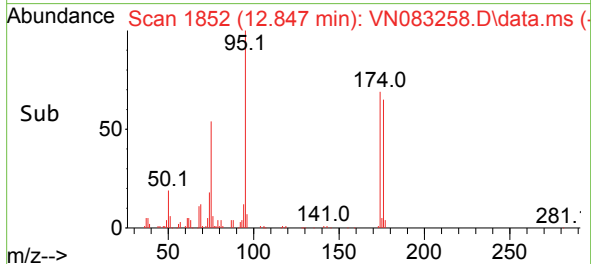
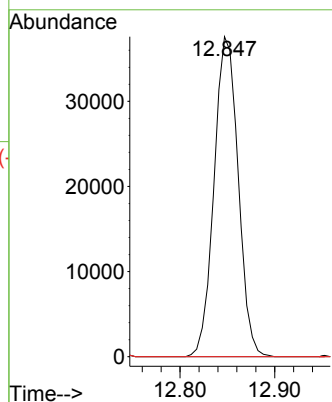
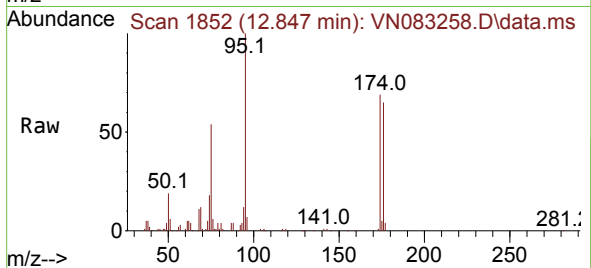




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 63.459 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. 0.112 min  
 Lab File: VN083258.D  
 Acq: 13 Aug 2024 15:19

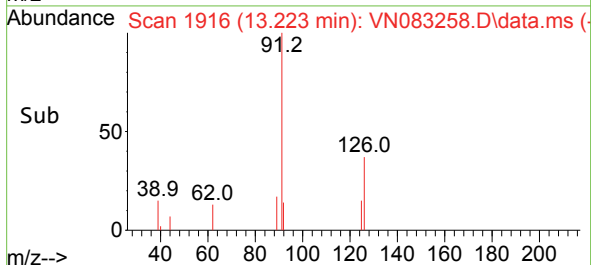
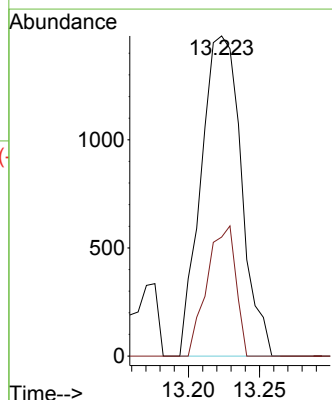
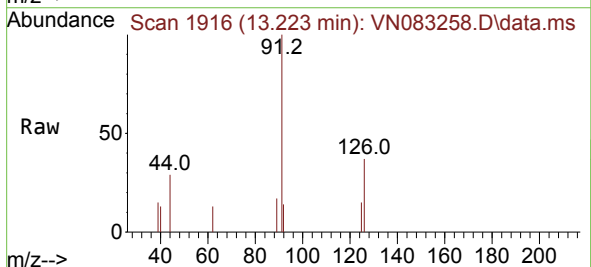
Instrument :  
 MSVOA\_N  
 ClientSampleId :

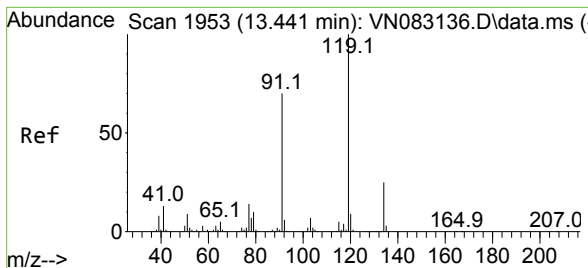
Tgt Ion: 75 Resp: 66585  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 88.4 132.6#  
 89 0.0 36.3 54.5#



#82  
 4-Chlorotoluene  
 Concen: 0.459 ug/l  
 RT: 13.223 min Scan# 1916  
 Delta R.T. -0.000 min  
 Lab File: VN083258.D  
 Acq: 13 Aug 2024 15:19

Tgt Ion: 91 Resp: 2925  
 Ion Ratio Lower Upper  
 91 100  
 126 28.9 16.2 48.6

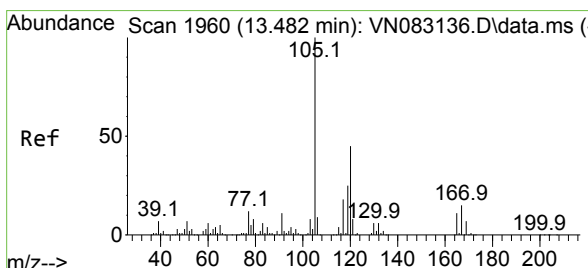
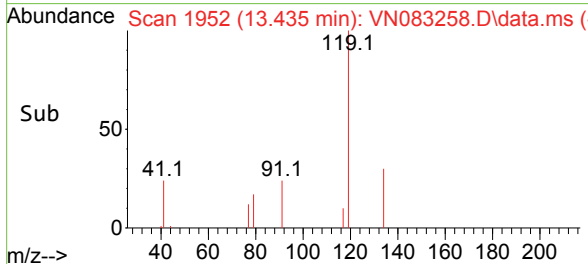
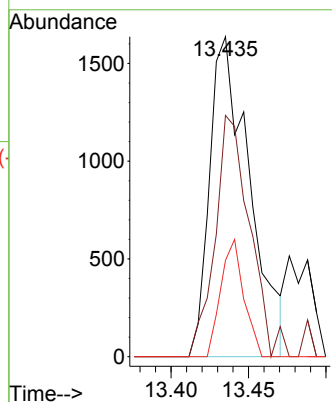
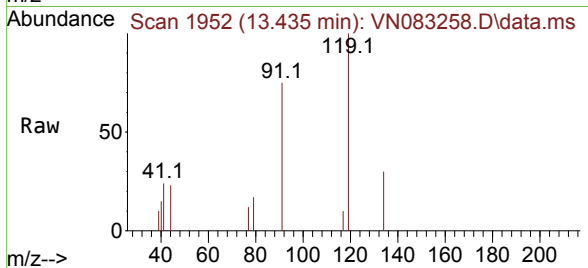




#83  
tert-Butylbenzene  
Concen: 0.454 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

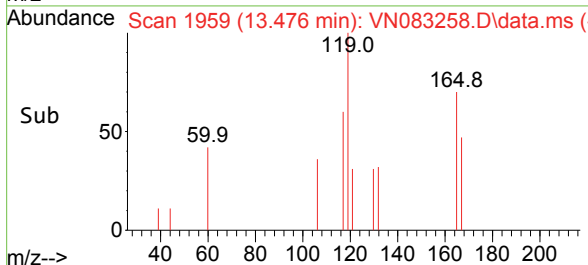
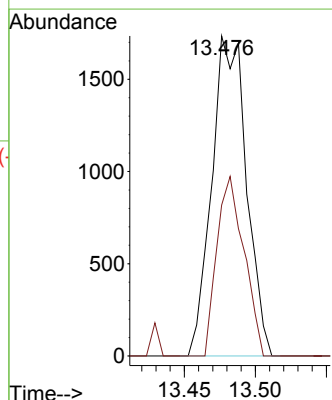
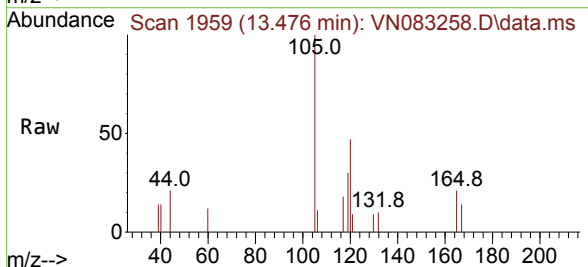
Instrument :  
MSVOA\_N  
ClientSampleId :

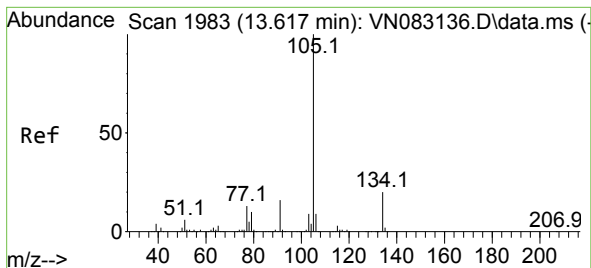
Tgt Ion:119 Resp: 2926  
Ion Ratio Lower Upper  
119 100  
91 65.6 35.0 105.1  
134 21.2 13.3 39.8



#84  
1,2,4-Trimethylbenzene  
Concen: 0.400 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion:105 Resp: 2935  
Ion Ratio Lower Upper  
105 100  
120 44.0 21.9 65.8





#85

sec-Butylbenzene

Concen: 0.393 ug/l

RT: 13.612 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

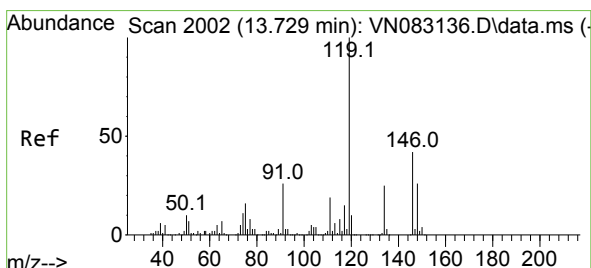
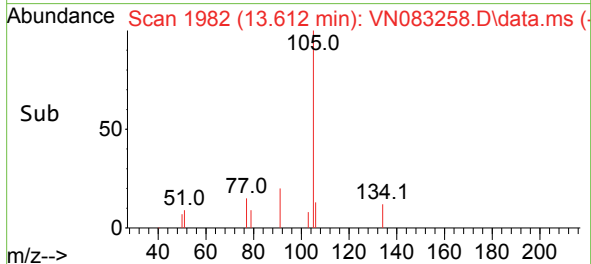
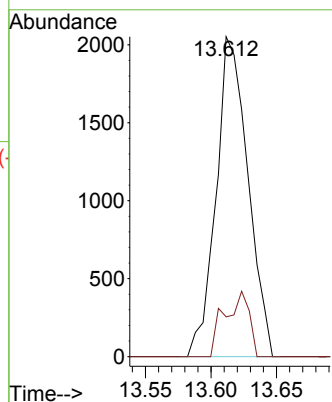
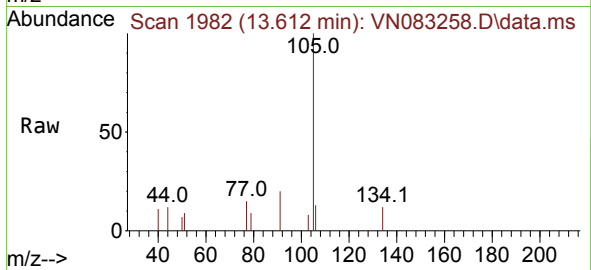
ClientSampleId :

Tgt Ion:105 Resp: 3458

Ion Ratio Lower Upper

105 100

134 15.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.406 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

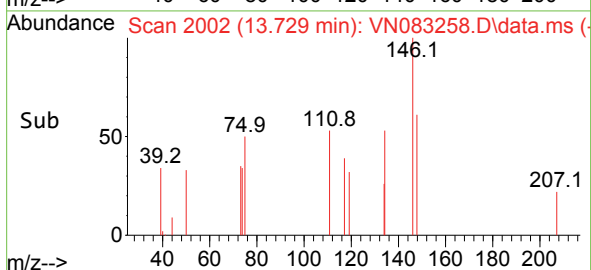
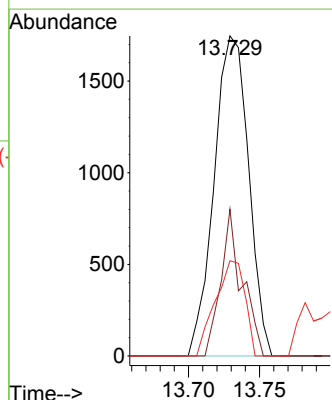
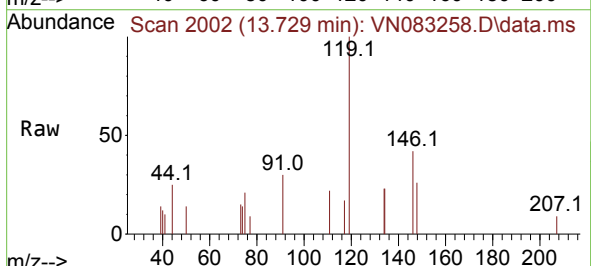
Tgt Ion:119 Resp: 2950

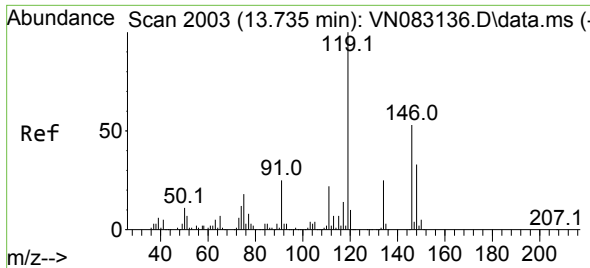
Ion Ratio Lower Upper

119 100

134 28.2 13.0 39.0

91 25.5 12.3 36.9

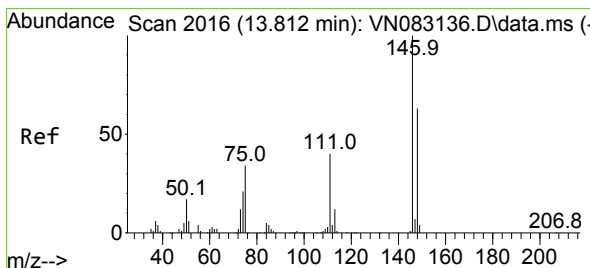
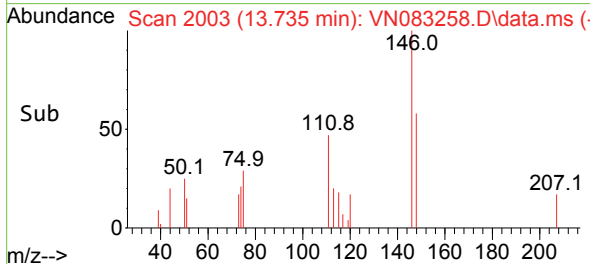
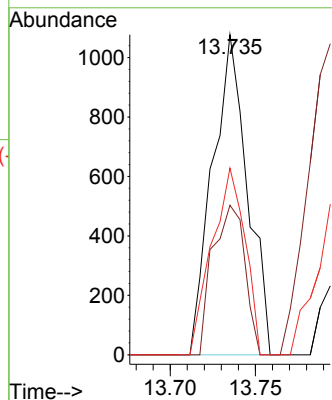
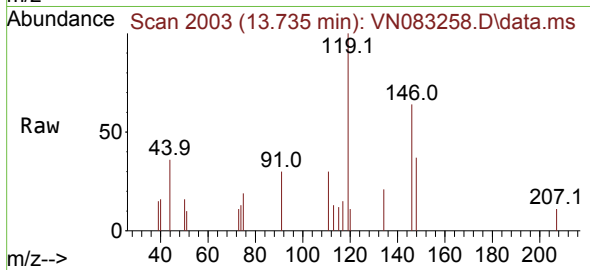




#87  
1,3-Dichlorobenzene  
Concen: 0.421 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

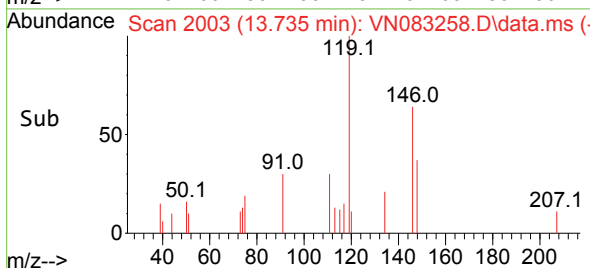
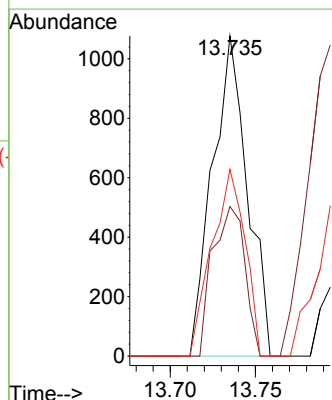
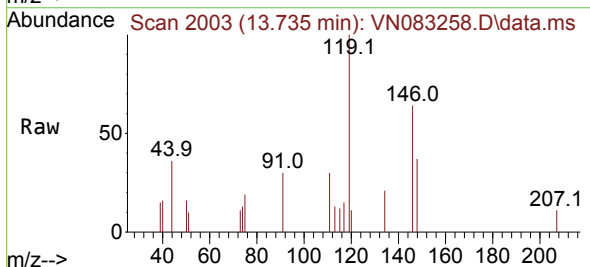
Instrument :  
MSVOA\_N  
ClientSampleId :

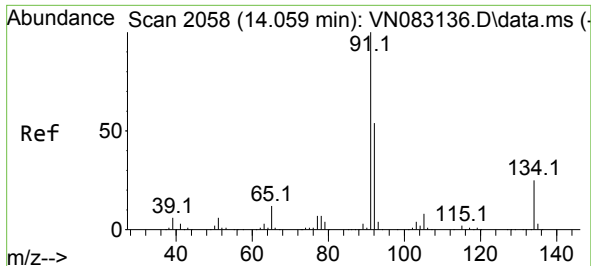
Tgt Ion:146 Resp: 1531  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.6 61.9  
148 55.3 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 0.418 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.076 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

Tgt Ion:146 Resp: 1531  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.1 60.3  
148 55.3 32.2 96.6





#89

n-Butylbenzene

Concen: 0.334 ug/l

RT: 14.059 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN083258.D

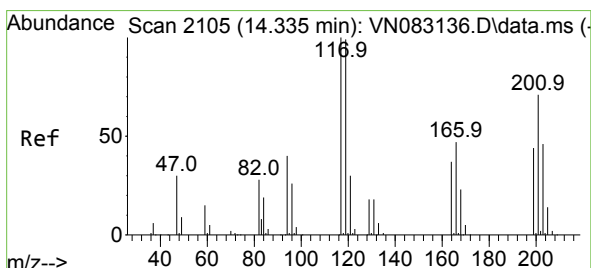
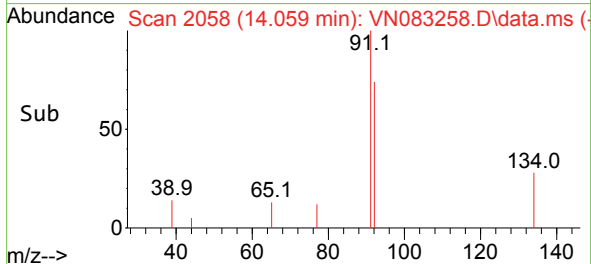
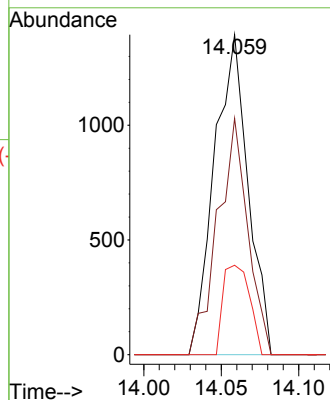
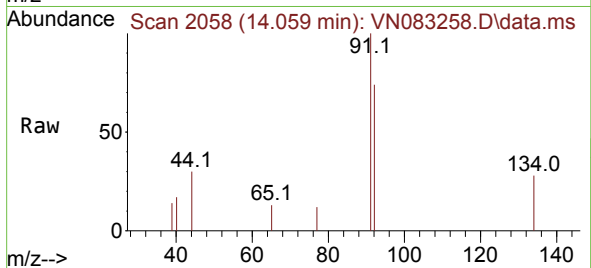
Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 2104  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 66.2  | 26.1  | 78.3  |
| 134      | 22.1  | 12.1  | 36.3  |



#90

Hexachloroethane

Concen: 0.276 ug/l

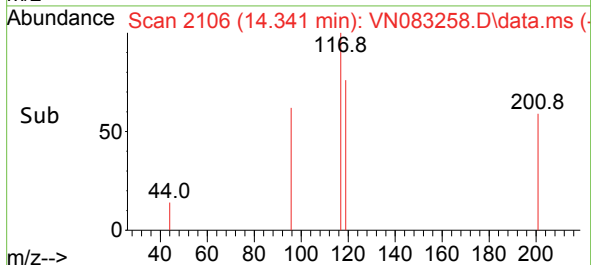
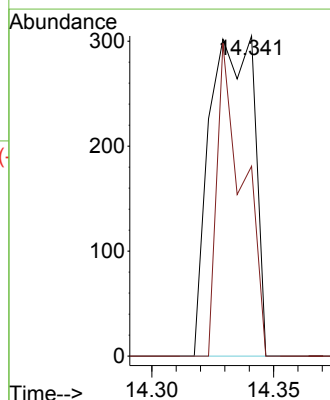
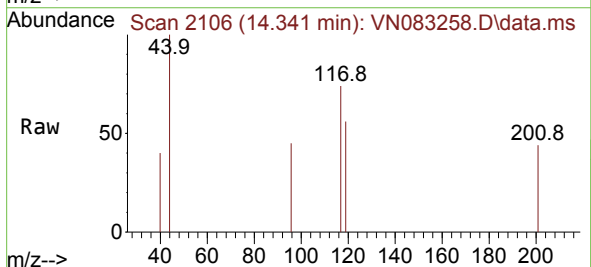
RT: 14.341 min Scan# 2106

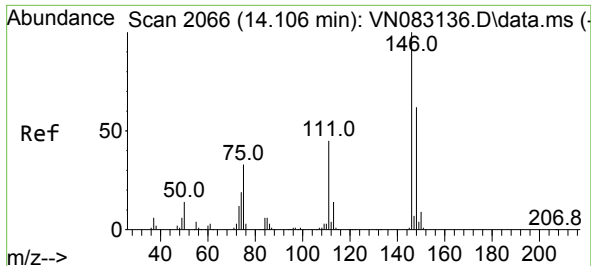
Delta R.T. 0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

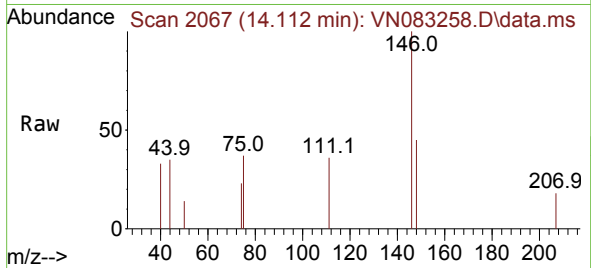
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 387   |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 57.6  | 35.8  | 107.3 |



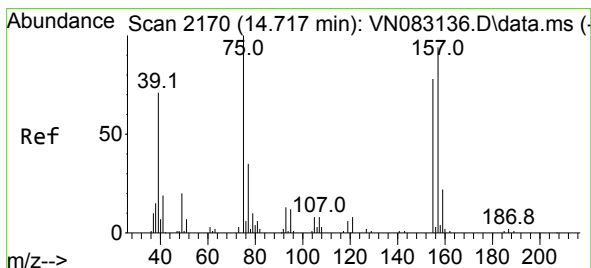
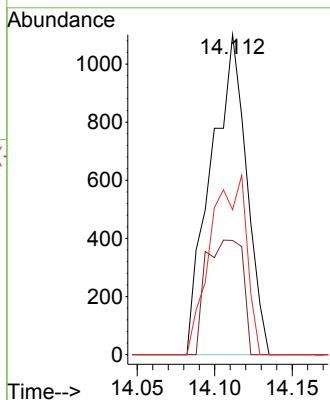
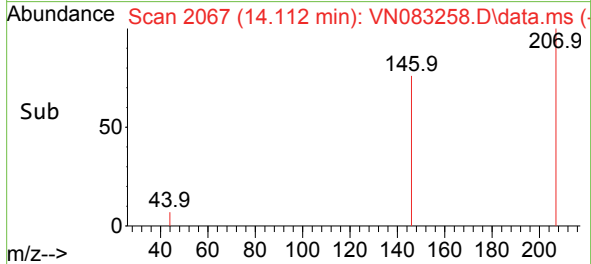


#91  
1,2-Dichlorobenzene  
Concen: 0.498 ug/l  
RT: 14.112 min Scan# 2066  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19

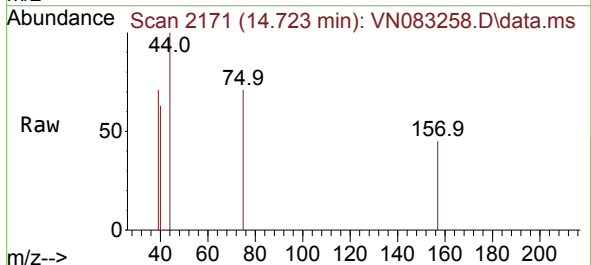
Instrument :  
MSVOA\_N  
ClientSampleId :



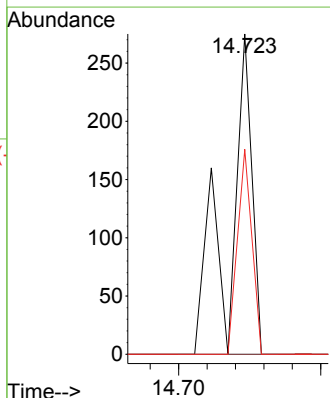
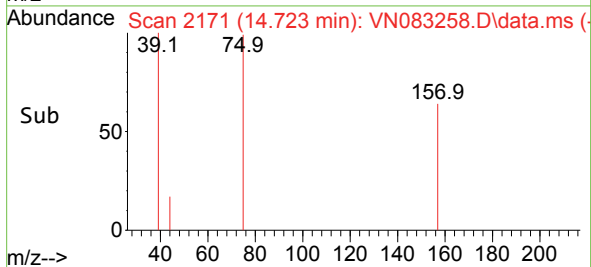
Tgt Ion:146 Resp: 1752  
Ion Ratio Lower Upper  
146 100  
111 37.2 21.4 64.2  
148 56.4 32.1 96.5

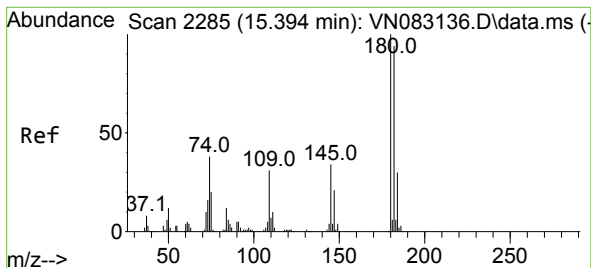


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.256 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.006 min  
Lab File: VN083258.D  
Acq: 13 Aug 2024 15:19



Tgt Ion: 75 Resp: 153  
Ion Ratio Lower Upper  
75 100  
155 0.0 36.6 109.8#  
157 40.5 46.9 140.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.451 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA\_N

ClientSampleId :

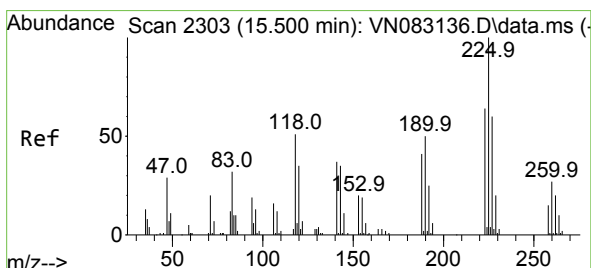
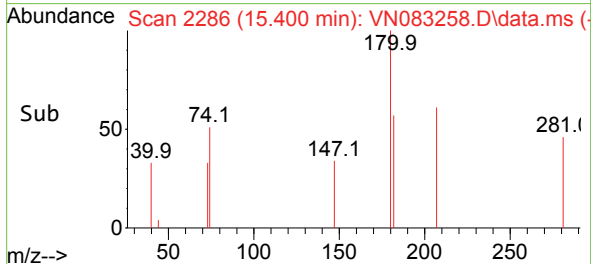
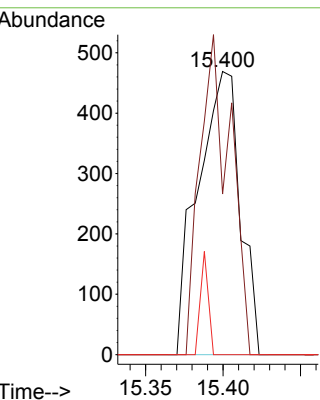
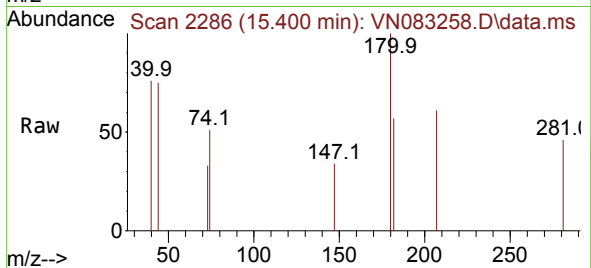
Tgt Ion:180 Resp: 888

Ion Ratio Lower Upper

180 100

182 81.9 47.3 141.8

145 6.8 15.7 47.1#



#94

Hexachlorobutadiene

Concen: 0.234 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

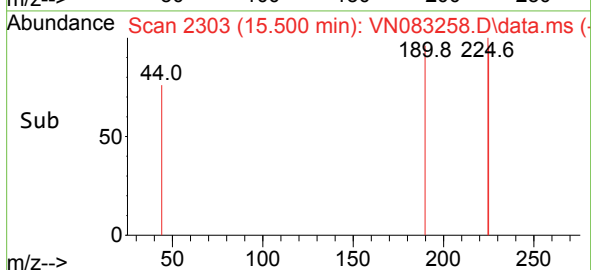
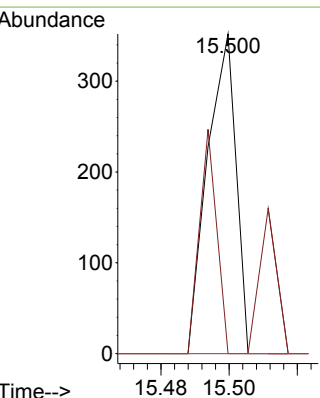
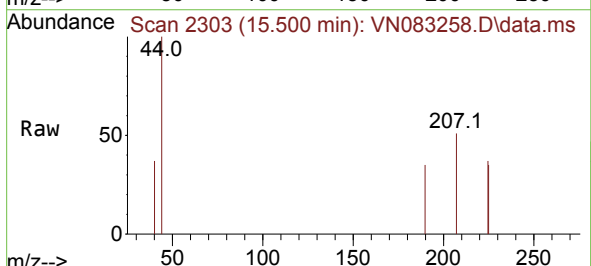
Tgt Ion:225 Resp: 205

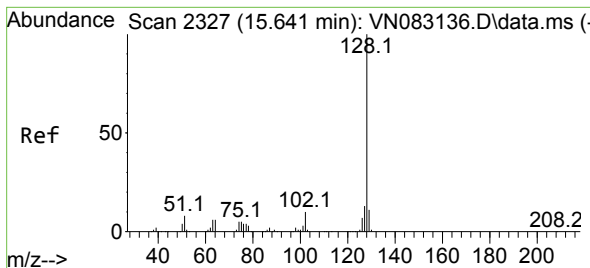
Ion Ratio Lower Upper

225 100

223 42.4 31.9 95.7

227 0.0 32.5 97.5#





#95

Naphthalene

Concen: 0.352 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

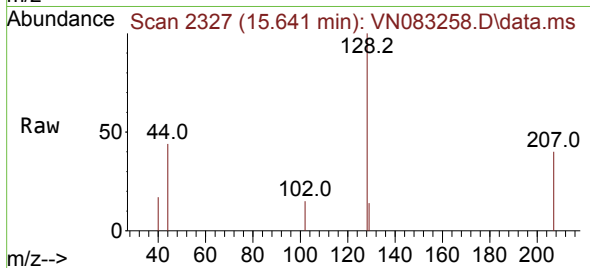
Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

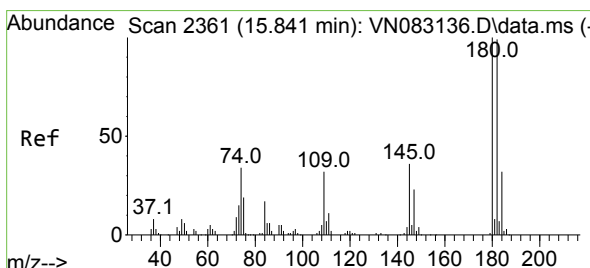
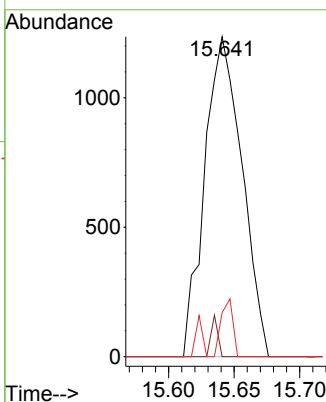
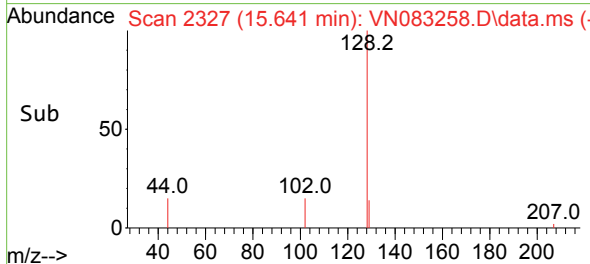
Instrument :

MSVOA\_N

ClientSampleId :



|             |       |            |
|-------------|-------|------------|
| Tgt Ion:128 | Resp: | 2456       |
| Ion Ratio   | Lower | Upper      |
| 128         | 100   |            |
| 127         | 2.3   | 10.6 16.0# |
| 129         | 5.7   | 8.6 12.8#  |



#96

1,2,3-Trichlorobenzene

Concen: 0.240 ug/l

RT: 15.829 min Scan# 2359

Delta R.T. -0.012 min

Lab File: VN083258.D

Acq: 13 Aug 2024 15:19

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 468        |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 52.4  | 48.9 146.8 |
| 145         | 31.2  | 16.8 50.4  |

