

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091724\  
 Data File : VN083958.D  
 Acq On : 18 Sep 2024 03:04  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 18 05:41:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 134320   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 235016   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 211248   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 102996   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.576  | 65    | 103103   | 50.906   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 101.820% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 75452    | 50.149   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.300% |      |
| 50) Toluene-d8              | 10.565 | 98    | 275301   | 52.929   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 105.860% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 105532   | 49.178   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 98.360%  |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 75226   | 48.224  | ug/l | 97  |
| 3) Chloromethane             | 2.365 | 50  | 78520   | 49.265  | ug/l | 98  |
| 4) Vinyl Chloride            | 2.518 | 62  | 78417   | 45.863  | ug/l | 93  |
| 5) Bromomethane              | 2.947 | 94  | 51433   | 52.392  | ug/l | 100 |
| 6) Chloroethane              | 3.118 | 64  | 51756   | 43.153  | ug/l | 90  |
| 7) Trichlorofluoromethane    | 3.494 | 101 | 138662  | 47.776  | ug/l | 98  |
| 8) Diethyl Ether             | 3.959 | 74  | 48697   | 50.054  | ug/l | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 75845   | 49.303  | ug/l | 99  |
| 10) Methyl Iodide            | 4.588 | 142 | 94549   | 48.326  | ug/l | 95  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 80529   | 296.921 | ug/l | 100 |
| 12) 1,1-Dichloroethene       | 4.347 | 96  | 72363   | 49.809  | ug/l | 92  |
| 13) Acrolein                 | 4.183 | 56  | 62973   | 235.327 | ug/l | 96  |
| 14) Allyl chloride           | 5.024 | 41  | 128476  | 49.629  | ug/l | 98  |
| 15) Acrylonitrile            | 5.718 | 53  | 199651  | 270.687 | ug/l | 99  |
| 16) Acetone                  | 4.424 | 43  | 176793  | 217.748 | ug/l | 98  |
| 17) Carbon Disulfide         | 4.712 | 76  | 182080  | 44.804  | ug/l | 100 |
| 18) Methyl Acetate           | 5.024 | 43  | 98410   | 58.488  | ug/l | 99  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 268518  | 51.076  | ug/l | 99  |
| 20) Methylene Chloride       | 5.277 | 84  | 83142   | 50.041  | ug/l | 99  |
| 21) trans-1,2-Dichloroethene | 5.788 | 96  | 74588   | 47.906  | ug/l | 91  |
| 22) Diisopropyl ether        | 6.671 | 45  | 285610  | 53.596  | ug/l | 99  |
| 23) Vinyl Acetate            | 6.600 | 43  | 1060930 | 271.861 | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 157218  | 51.209  | ug/l | 99  |
| 25) 2-Butanone               | 7.482 | 43  | 271024  | 253.974 | ug/l | 100 |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 106208  | 37.564  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 7.482 | 96  | 93755   | 50.726  | ug/l | 99  |
| 28) Bromochloromethane       | 7.812 | 49  | 72238   | 55.873  | ug/l | 93  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 176736  | 280.094 | ug/l | 98  |
| 30) Chloroform               | 7.965 | 83  | 167080  | 51.261  | ug/l | 100 |
| 31) Cyclohexane              | 8.259 | 56  | 124598  | 42.566  | ug/l | 98  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 151561  | 50.571  | ug/l | 98  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 112064  | 49.486  | ug/l | 98  |
| 37) Ethyl Acetate            | 7.559 | 43  | 114425  | 55.667  | ug/l | 98  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 130250  | 50.698  | ug/l | 98  |
| 39) Methylcyclohexane        | 9.600 | 83  | 119531  | 46.373  | ug/l | 97  |
| 40) Benzene                  | 8.606 | 78  | 343321  | 50.370  | ug/l | 98  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 18 05:41:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.782  | 41   | 66492    | 54.692   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 133425   | 52.387   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 209526   | 56.250   | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 79562    | 50.406   | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 86130    | 52.283   | ug/l   | 100      |
| 46) Dibromomethane            | 9.706  | 93   | 61548    | 53.340   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 135498   | 54.259   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.676  | 41   | 97821    | 55.352   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 31233    | 1074.321 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 588747   | 290.358  | ug/l   | 97       |
| 52) Toluene                   | 10.629 | 92   | 216392   | 51.903   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 130038   | 51.373   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 138084   | 51.933   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 81365    | 52.275   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.870 | 69   | 136796   | 57.125   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 144273   | 53.932   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 287144   | 332.781  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 421957   | 281.322  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 99332    | 57.025   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 82921    | 53.419   | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 69854    | 49.724   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.888 | 112  | 231312   | 49.267   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 82553    | 50.719   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.964 | 91   | 422506   | 50.657   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.070 | 106  | 317509   | 102.537  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 155894   | 52.005   | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 264958   | 53.857   | ug/l   | 100      |
| 71) Bromoform                 | 12.576 | 173  | 62750    | 57.211   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 400026   | 50.201   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 183799   | 54.062   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 117433   | 50.158   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 155495   | 74.820   | ug/l   | 64       |
| 77) Bromobenzene              | 12.976 | 156  | 93417    | 48.703   | ug/l   | 100      |
| 78) n-propylbenzene           | 13.035 | 91   | 479582   | 51.727   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 294725   | 49.845   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 338269   | 50.352   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 38185    | 48.122   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 300752   | 50.686   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 295264   | 50.235   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 345613   | 51.214   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 406416   | 52.138   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 339554   | 51.964   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 175636   | 48.519   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 175654   | 47.922   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 295638   | 50.392   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 63501    | 48.344   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 174478   | 49.943   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 25329    | 54.271   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 86405    | 46.090   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 38271    | 48.070   | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 279575   | 49.018   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 84167    | 46.977   | ug/l   | 99       |

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Acq On : 18 Sep 2024 03:04  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 34 Sample Multiplier: 1

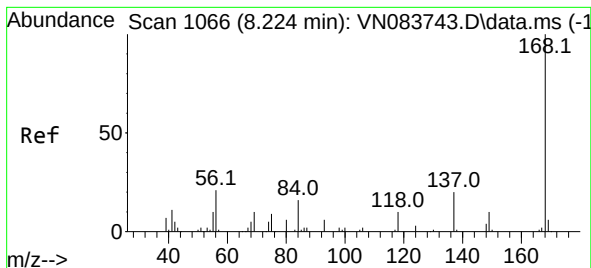
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Sep 18 05:41:42 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration

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

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

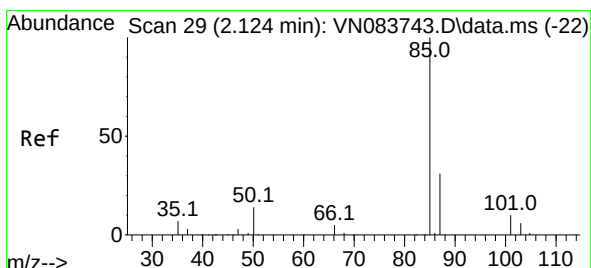
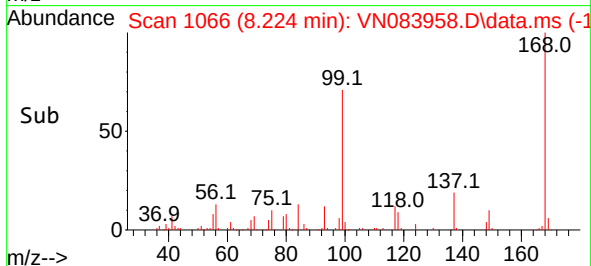
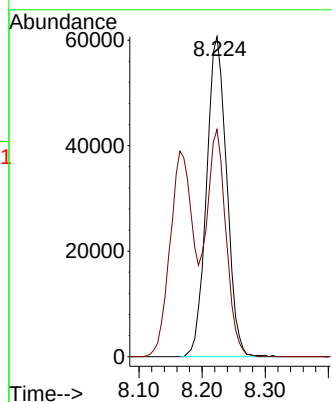
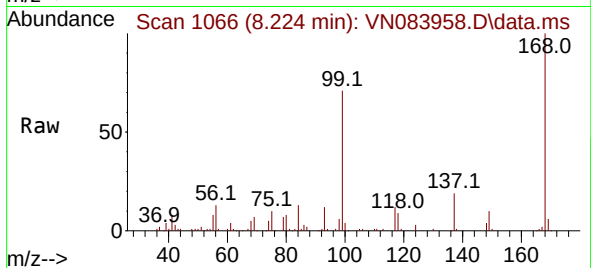




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

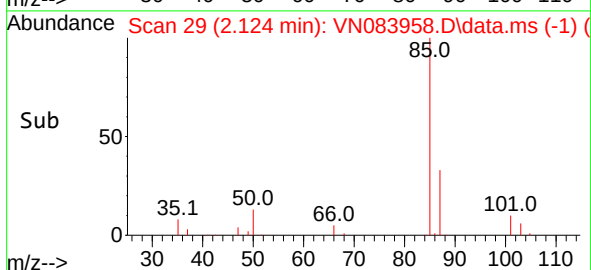
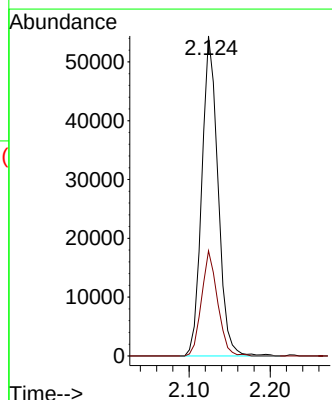
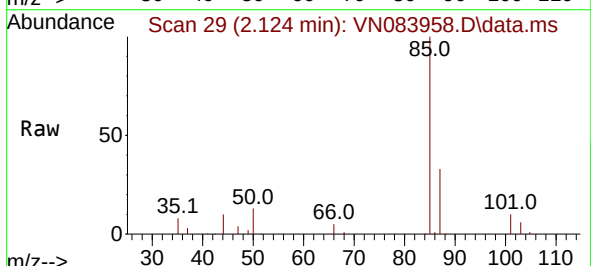
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

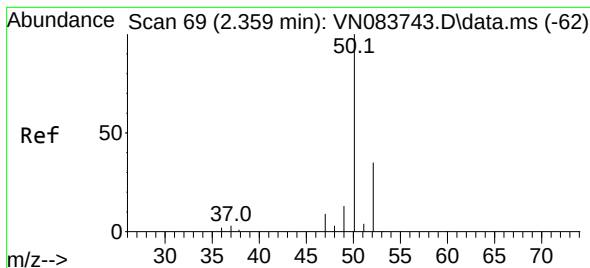
Tgt Ion:168 Resp: 134320  
Ion Ratio Lower Upper  
168 100  
99 71.0 54.2 81.2



#2  
Dichlorodifluoromethane  
Concen: 48.224 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 85 Resp: 75226  
Ion Ratio Lower Upper  
85 100  
87 32.9 15.7 47.0





#3

Chloromethane

Concen: 49.265 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

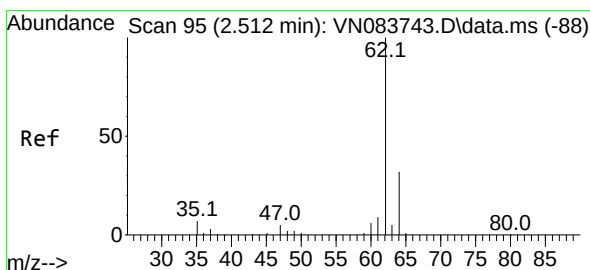
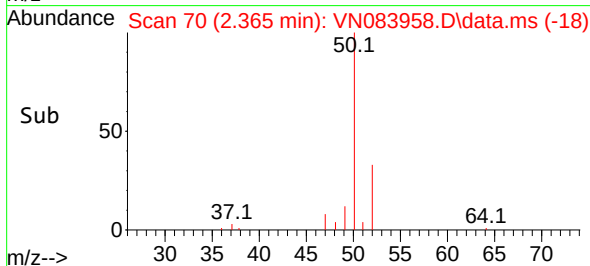
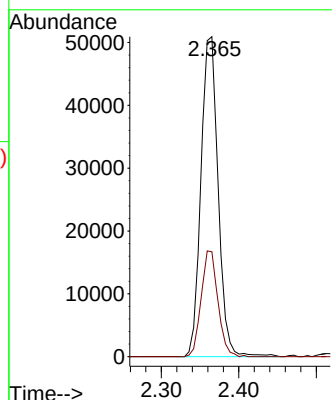
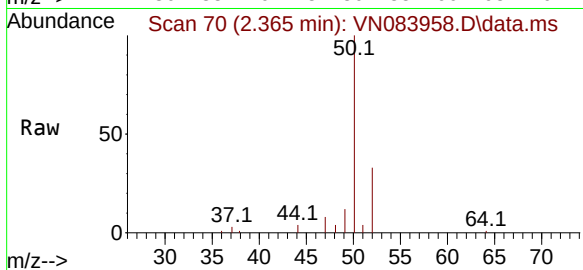
VSTDCCC050

Tgt Ion: 50 Resp: 78520

Ion Ratio Lower Upper

50 100

52 32.8 27.2 40.8



#4

Vinyl Chloride

Concen: 45.863 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN083958.D

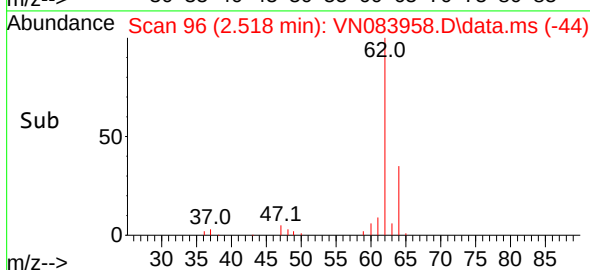
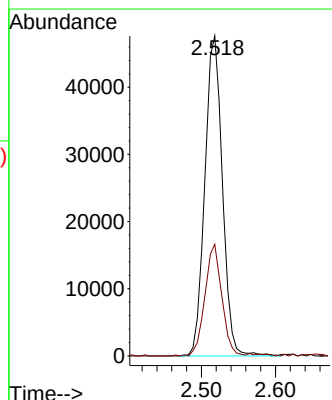
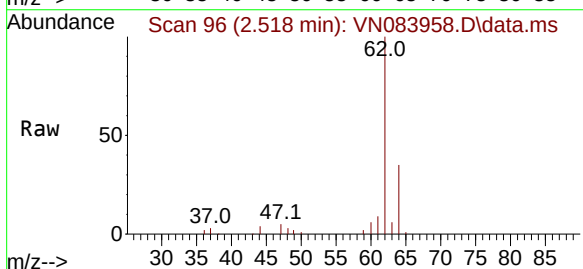
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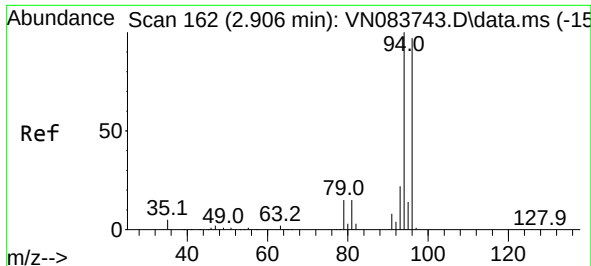
Tgt Ion: 62 Resp: 78417

Ion Ratio Lower Upper

62 100

64 34.9 24.7 37.1

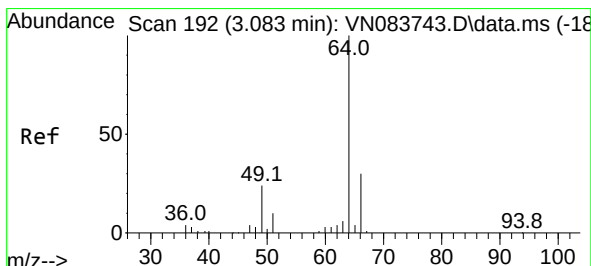
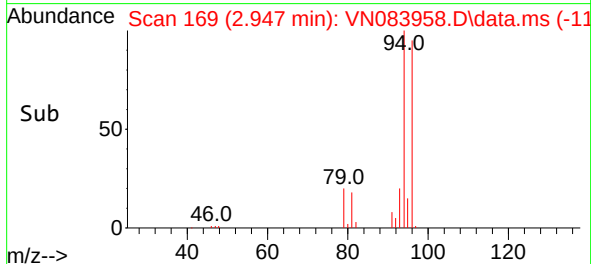
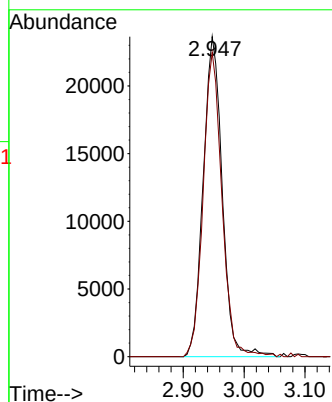
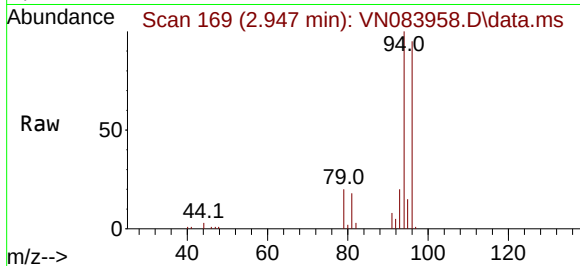




#5  
Bromomethane  
Concen: 52.392 ug/l  
RT: 2.947 min Scan# 1  
Delta R.T. 0.041 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

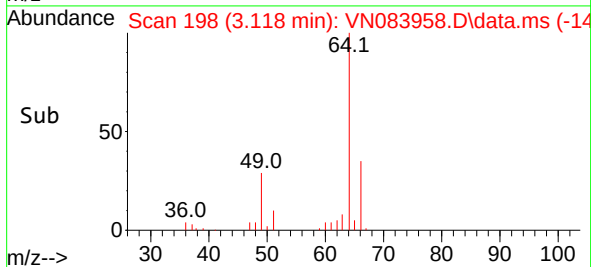
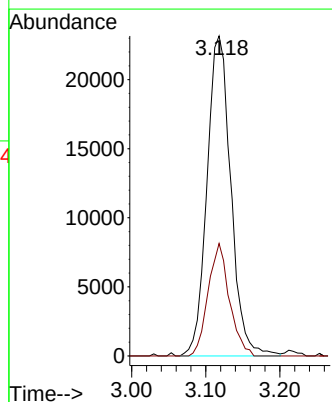
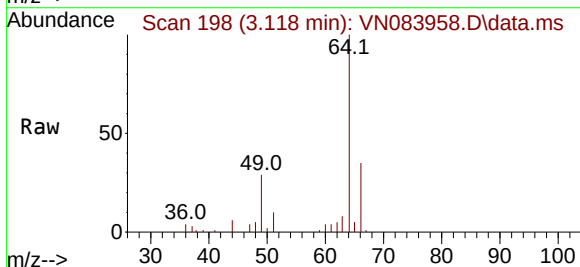
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

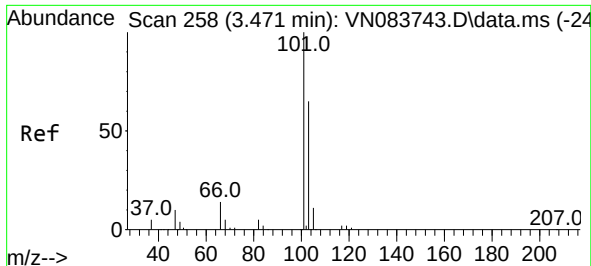
Tgt Ion: 94 Resp: 51433  
Ion Ratio Lower Upper  
94 100  
96 95.1 76.0 114.0



#6  
Chloroethane  
Concen: 43.153 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.035 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 64 Resp: 51756  
Ion Ratio Lower Upper  
64 100  
66 35.2 23.9 35.9

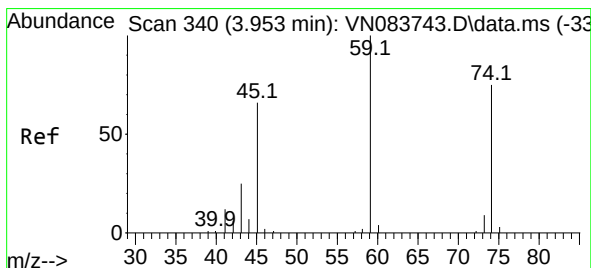
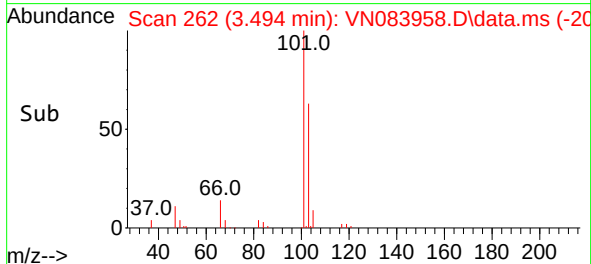
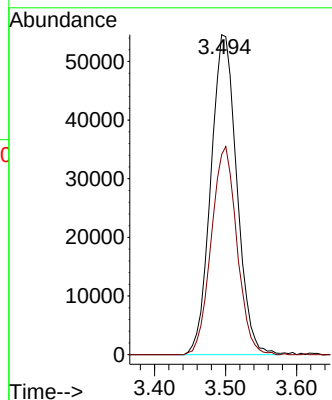
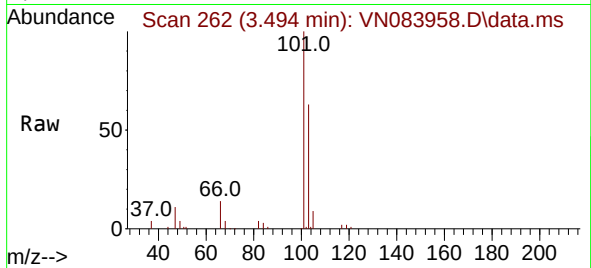




#7  
Trichlorofluoromethane  
Concen: 47.776 ug/l  
RT: 3.494 min Scan# 20  
Delta R.T. 0.023 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

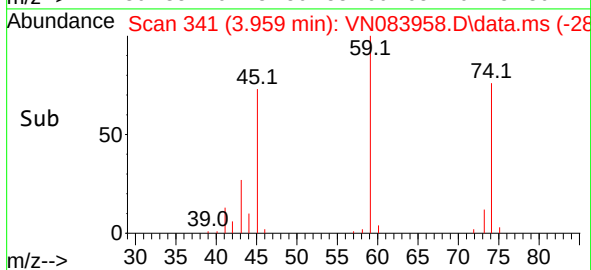
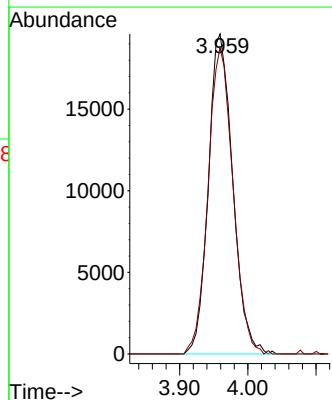
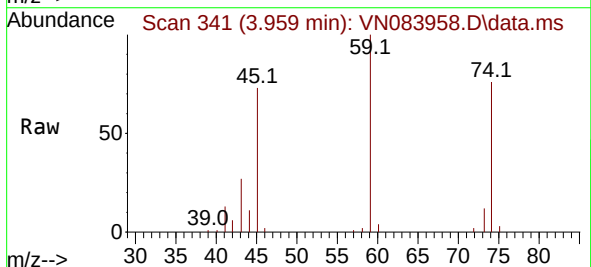
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 138662  
Ion Ratio Lower Upper  
101 100  
103 62.6 51.4 77.0

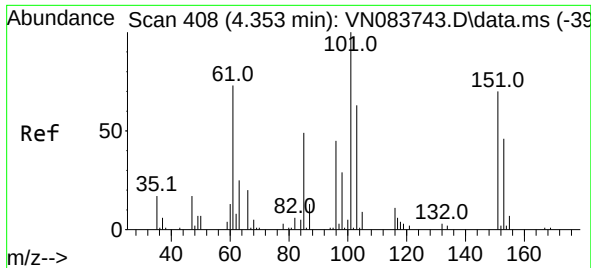


#8  
Diethyl Ether  
Concen: 50.054 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 74 Resp: 48697  
Ion Ratio Lower Upper  
74 100  
45 98.1 46.7 140.1



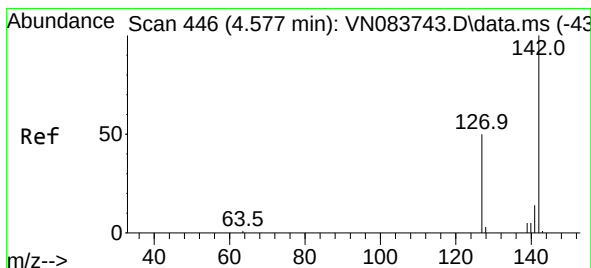
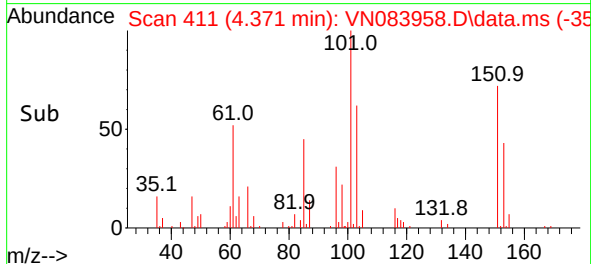
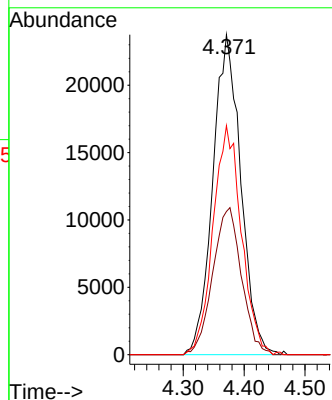
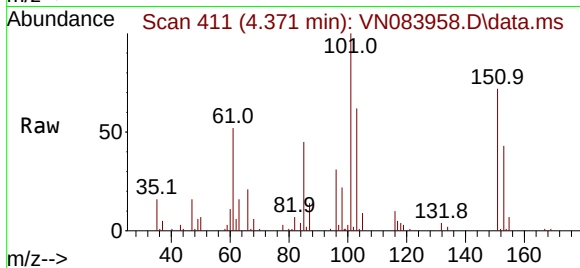




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.303 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.017 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

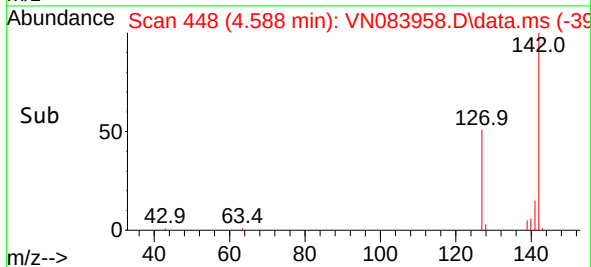
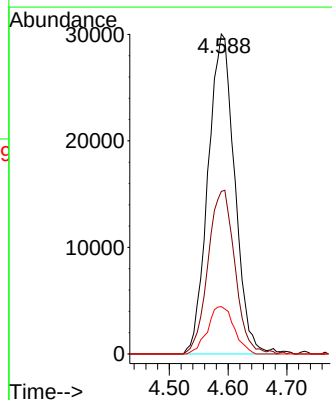
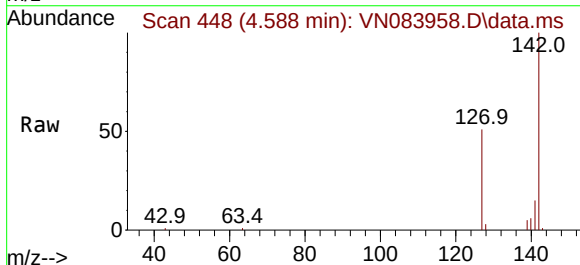
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

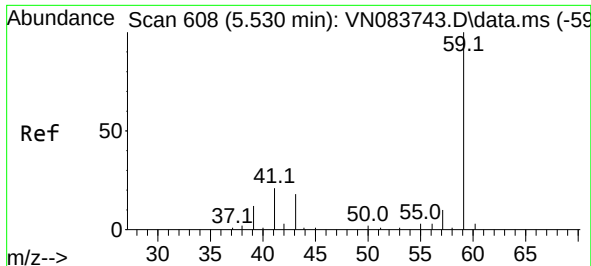
Tgt Ion:101 Resp: 75845  
Ion Ratio Lower Upper  
101 100  
85 47.2 36.2 54.4  
151 72.3 57.7 86.5



#10  
Methyl Iodide  
Concen: 48.326 ug/l  
RT: 4.588 min Scan# 448  
Delta R.T. 0.012 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion:142 Resp: 94549  
Ion Ratio Lower Upper  
142 100  
127 50.8 37.5 56.3  
141 14.8 11.0 16.4





#11

Tert butyl alcohol

Concen: 296.921 ug/l

RT: 5.518 min Scan# 608

Delta R.T. -0.012 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

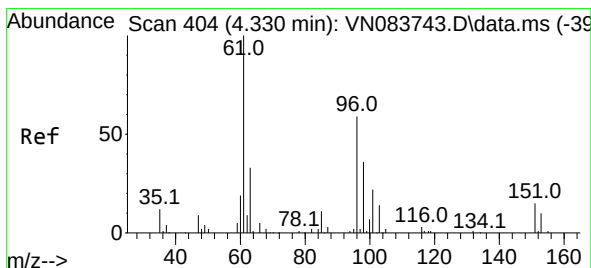
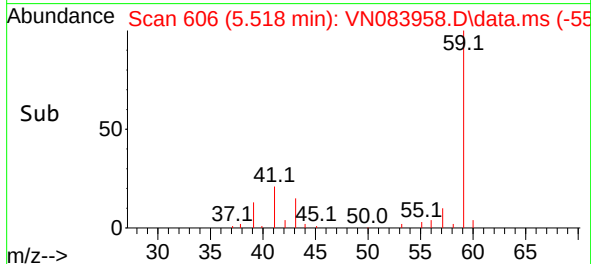
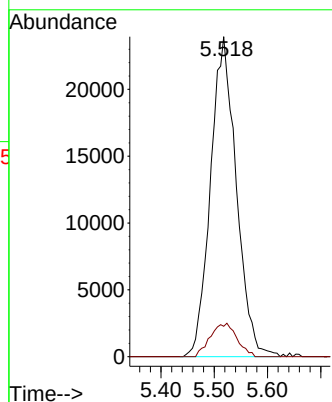
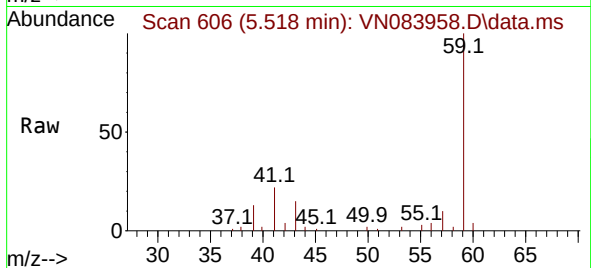
VSTDCCC050

Tgt Ion: 59 Resp: 80529

Ion Ratio Lower Upper

59 100

57 10.7 8.7 13.1



#12

1,1-Dichloroethene

Concen: 49.809 ug/l

RT: 4.347 min Scan# 407

Delta R.T. 0.017 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

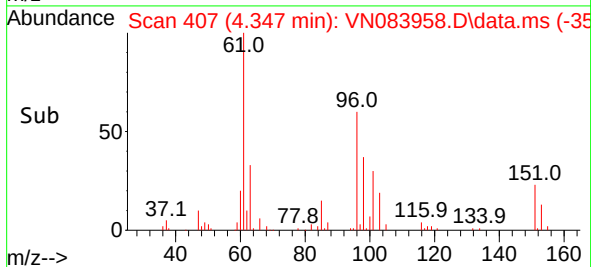
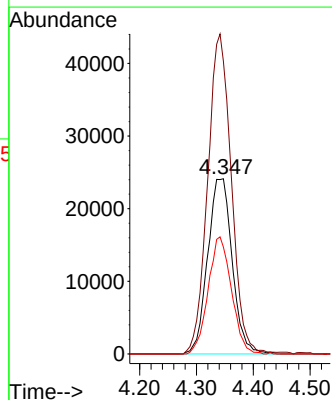
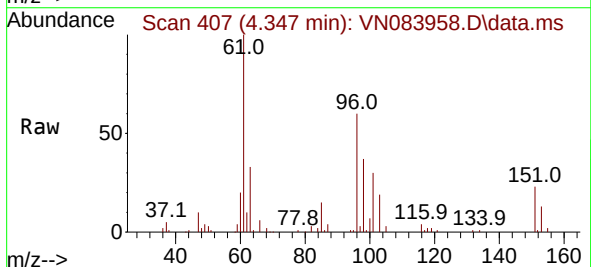
Tgt Ion: 96 Resp: 72363

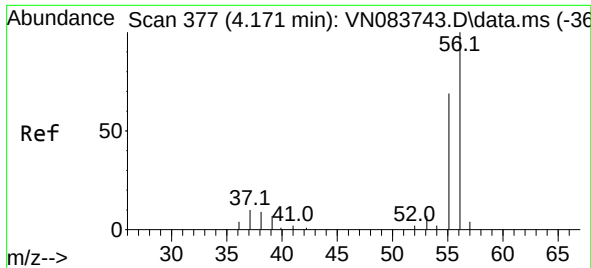
Ion Ratio Lower Upper

96 100

61 166.9 143.4 215.0

98 61.0 52.7 79.1





#13

Acrolein

Concen: 235.327 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

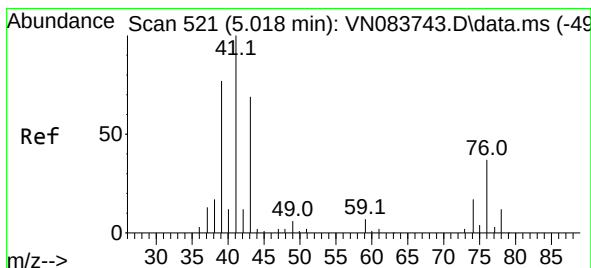
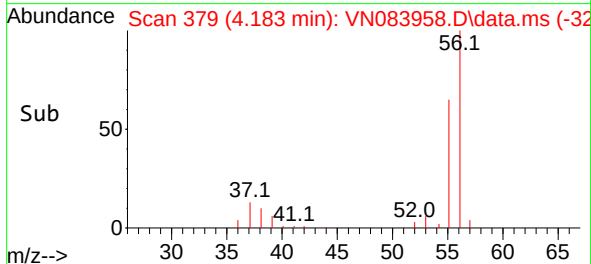
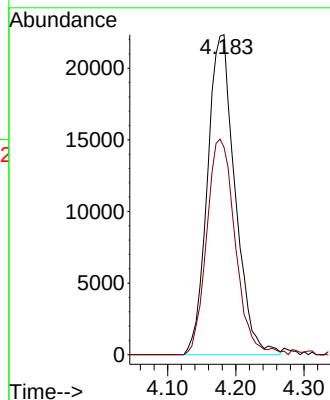
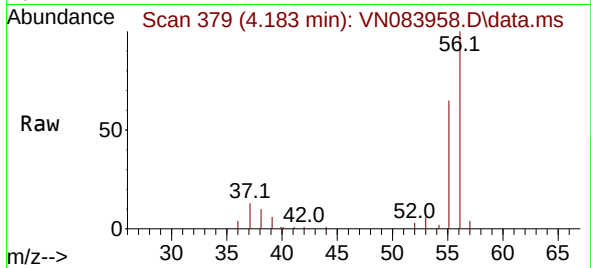
VSTDCCC050

Tgt Ion: 56 Resp: 62973

Ion Ratio Lower Upper

56 100

55 69.6 58.2 87.2



#14

Allyl chloride

Concen: 49.629 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

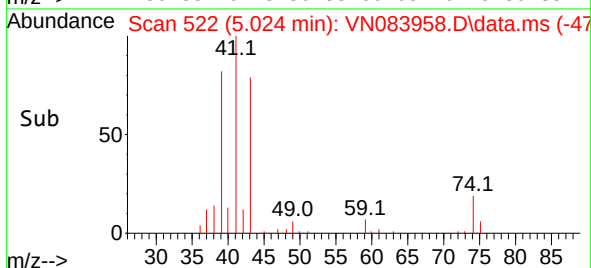
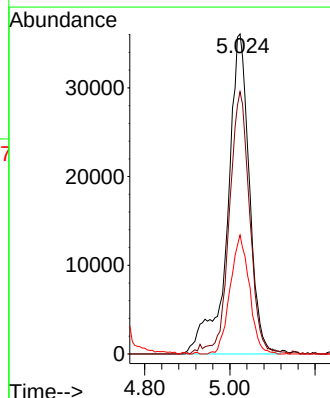
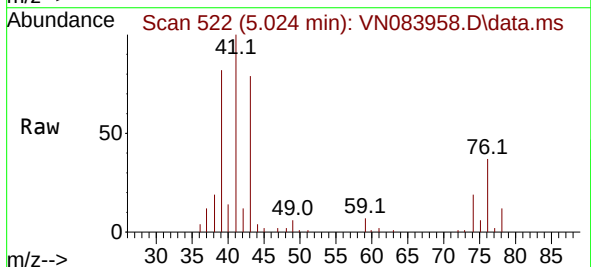
Tgt Ion: 41 Resp: 128476

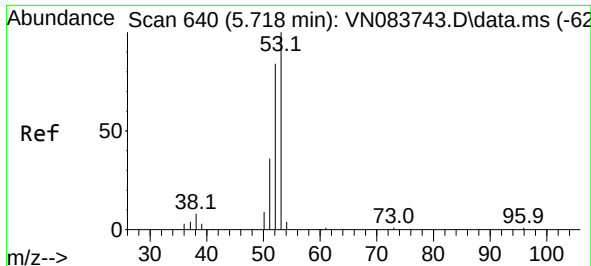
Ion Ratio Lower Upper

41 100

39 75.5 59.3 88.9

76 32.7 27.7 41.5

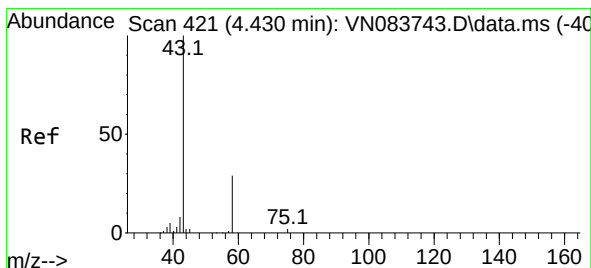
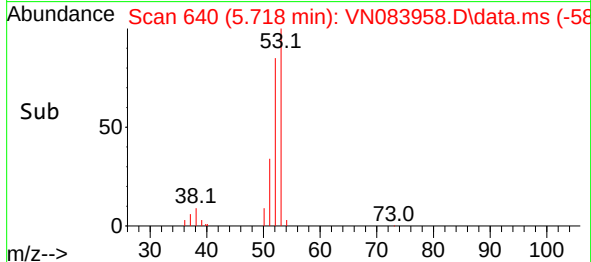
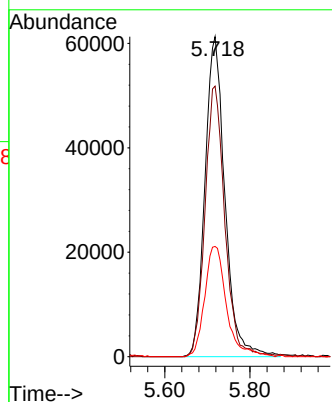
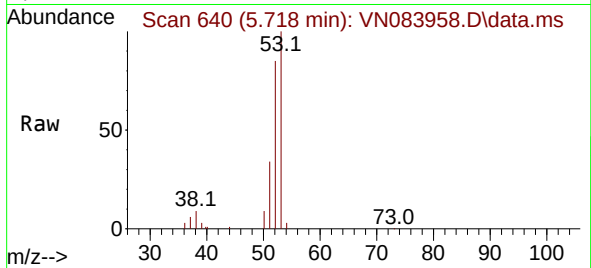




#15  
Acrylonitrile  
Concen: 270.687 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

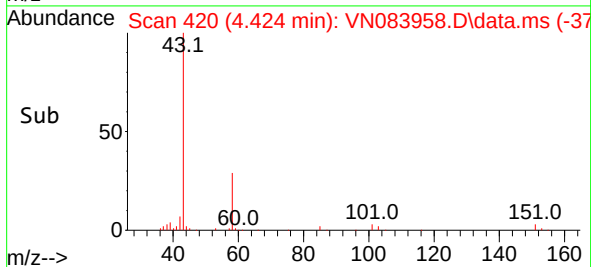
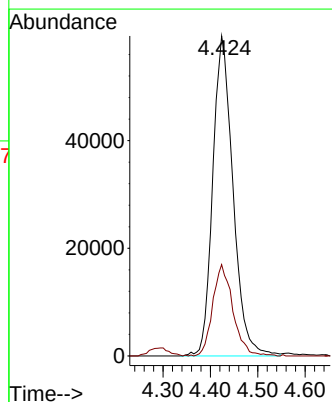
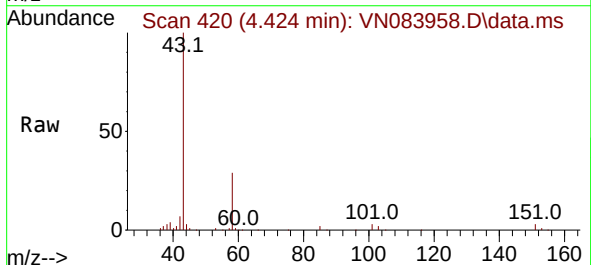
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

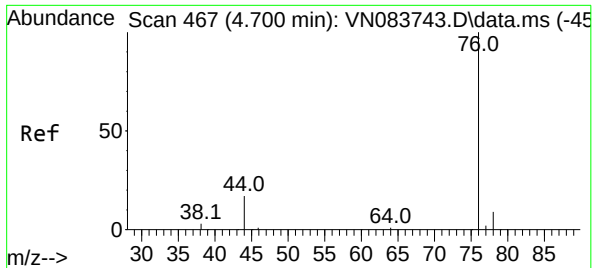
Tgt Ion: 53 Resp: 199651  
Ion Ratio Lower Upper  
53 100  
52 83.7 66.1 99.1  
51 37.6 29.6 44.4



#16  
Acetone  
Concen: 217.748 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.006 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 43 Resp: 176793  
Ion Ratio Lower Upper  
43 100  
58 28.5 23.7 35.5

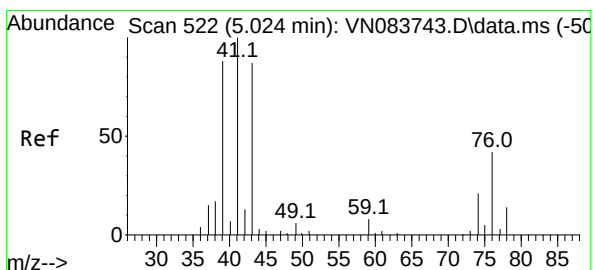
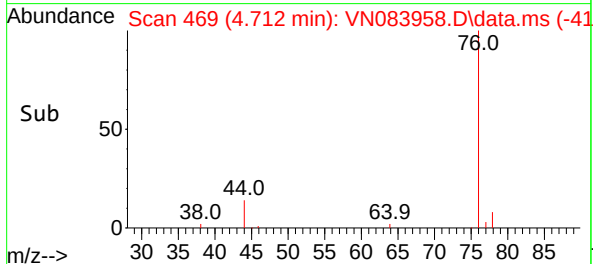
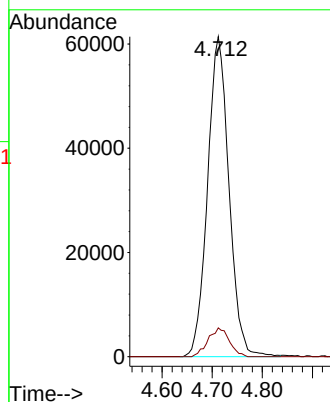
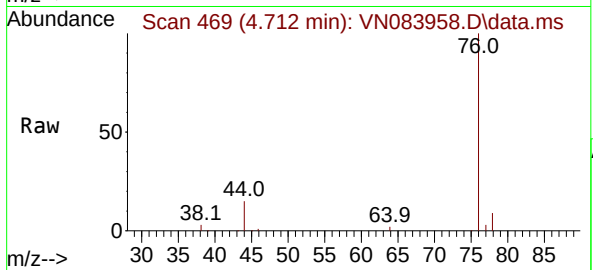




#17  
Carbon Disulfide  
Concen: 44.804 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.012 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

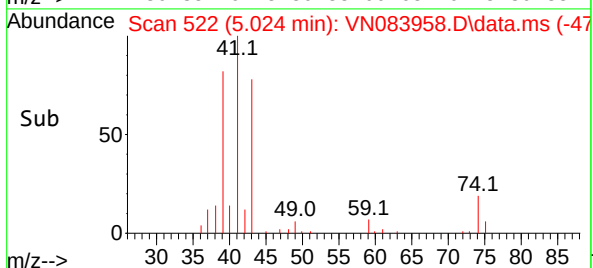
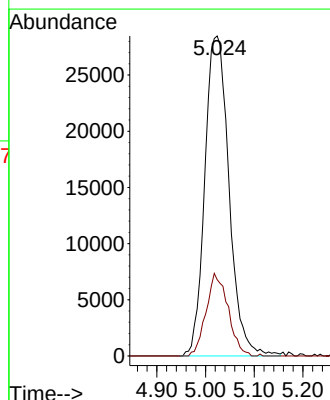
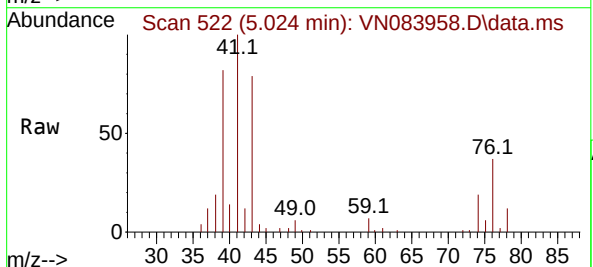
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

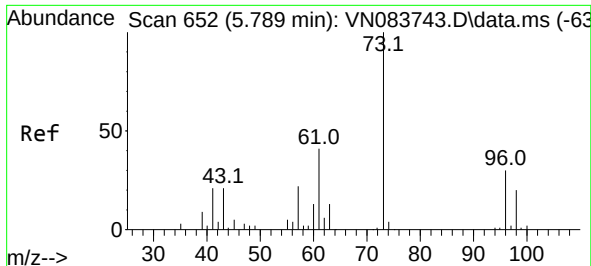
Tgt Ion: 76 Resp: 182080  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.1 10.7



#18  
Methyl Acetate  
Concen: 58.488 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 43 Resp: 98410  
Ion Ratio Lower Upper  
43 100  
74 23.4 19.0 28.4

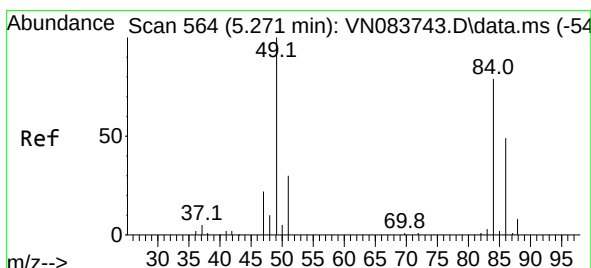
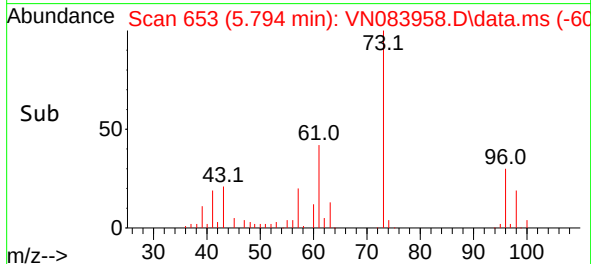
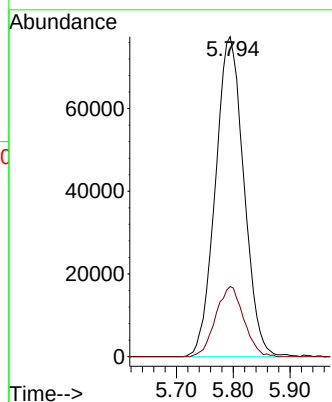
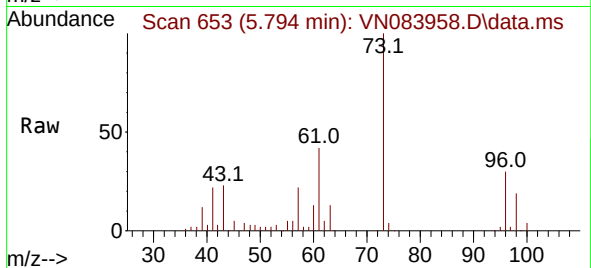




#19  
Methyl tert-butyl Ether  
Concen: 51.076 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

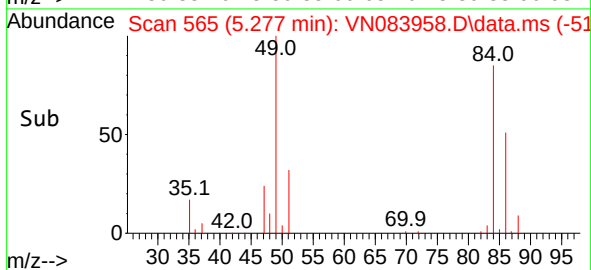
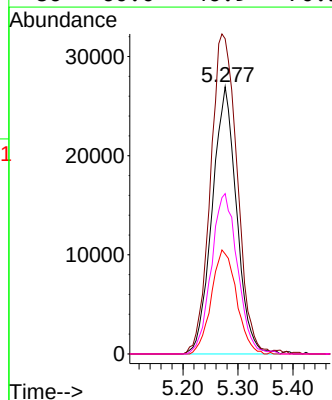
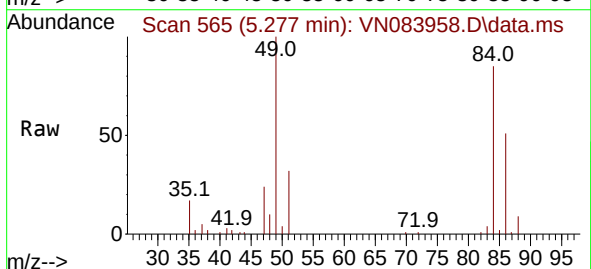
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

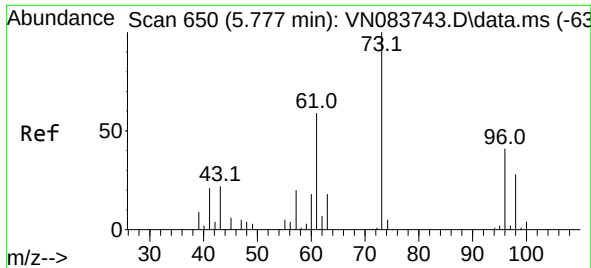
Tgt Ion: 73 Resp: 268518  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.0 25.6



#20  
Methylene Chloride  
Concen: 50.041 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 84 Resp: 83142  
Ion Ratio Lower Upper  
84 100  
49 118.0 93.4 140.0  
51 37.4 29.2 43.8  
86 60.0 46.9 70.3

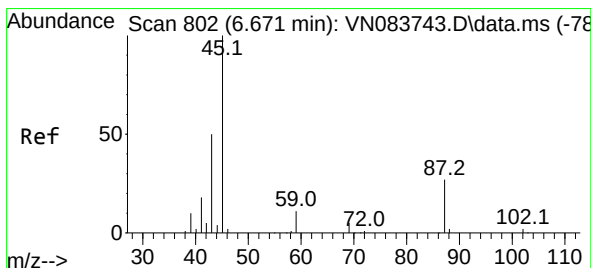
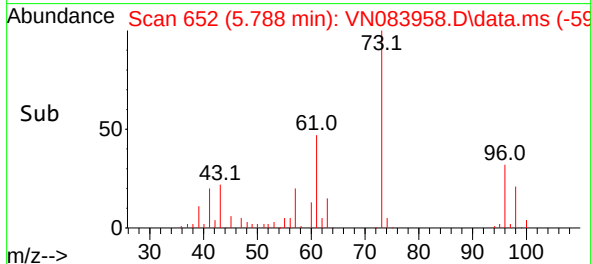
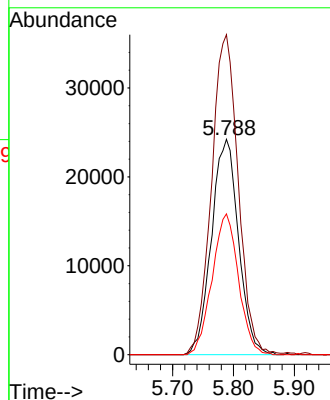
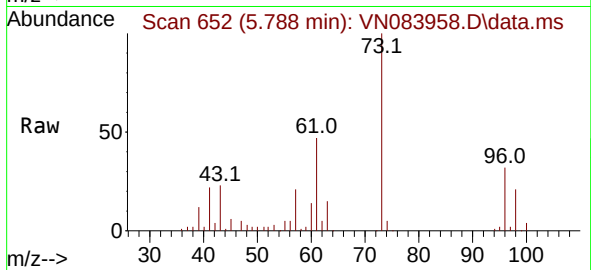




#21  
trans-1,2-Dichloroethene  
Concen: 47.906 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

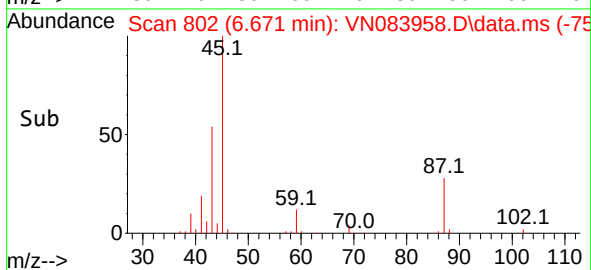
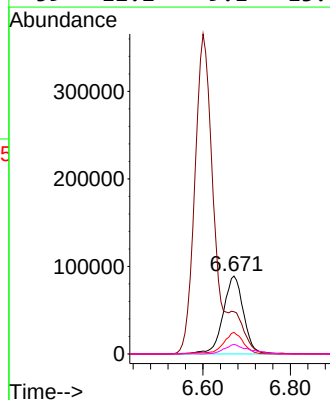
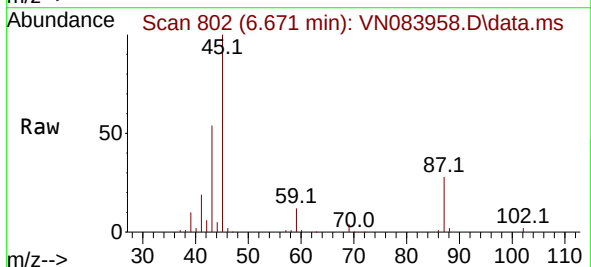
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

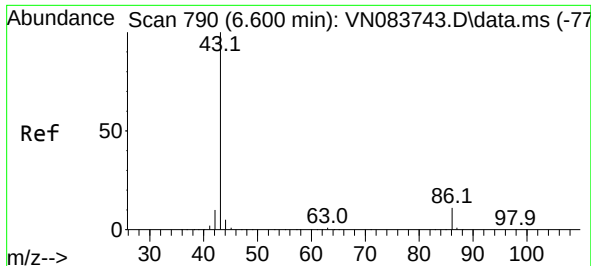
Tgt Ion: 96 Resp: 74588  
Ion Ratio Lower Upper  
96 100  
61 148.6 106.0 159.0  
98 65.4 52.2 78.2



#22  
Diisopropyl ether  
Concen: 53.596 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 45 Resp: 285610  
Ion Ratio Lower Upper  
45 100  
43 53.3 43.4 65.0  
87 27.7 22.6 33.8  
59 12.2 9.1 13.7

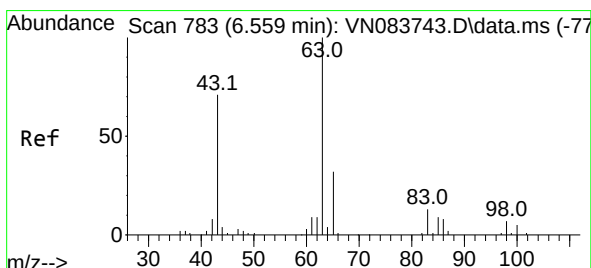
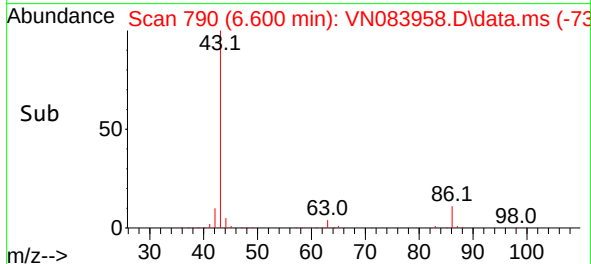
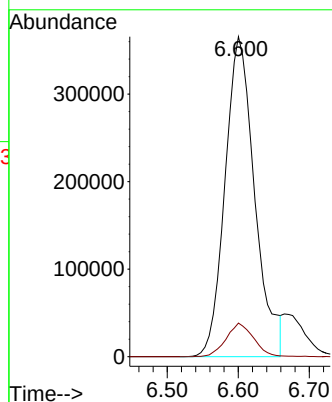
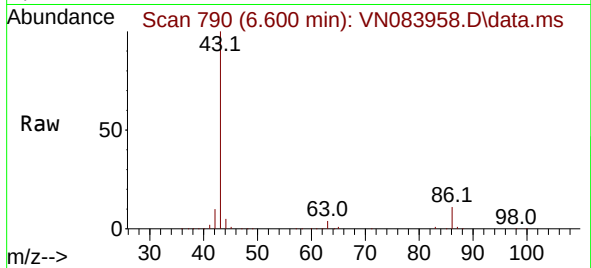




#23  
 Vinyl Acetate  
 Concen: 271.861 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN083958.D  
 Acq: 18 Sep 2024 03:04

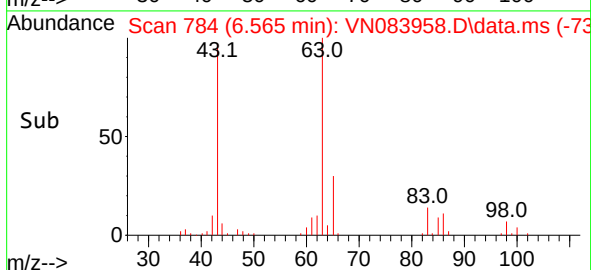
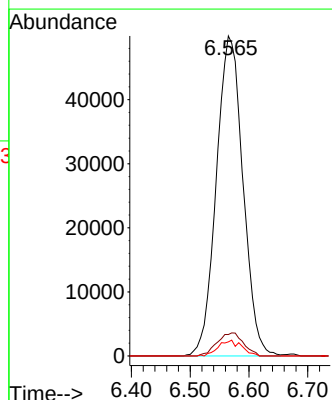
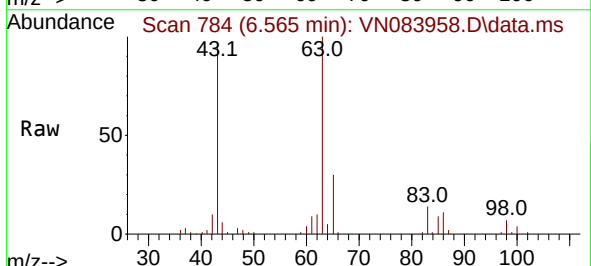
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1060930  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 8.7 13.1

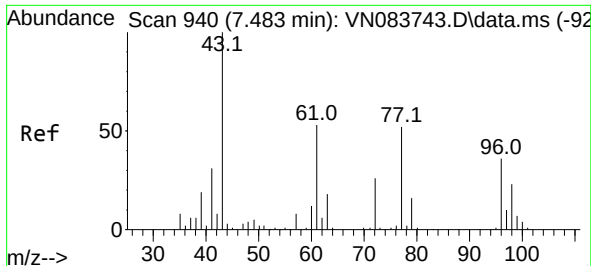


#24  
 1,1-Dichloroethane  
 Concen: 51.209 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.006 min  
 Lab File: VN083958.D  
 Acq: 18 Sep 2024 03:04

Tgt Ion: 63 Resp: 157218  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.5 10.4  
 100 4.4 2.5 7.5



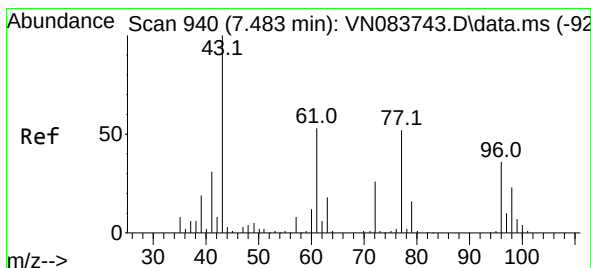
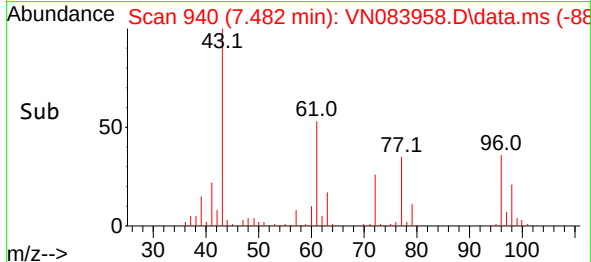
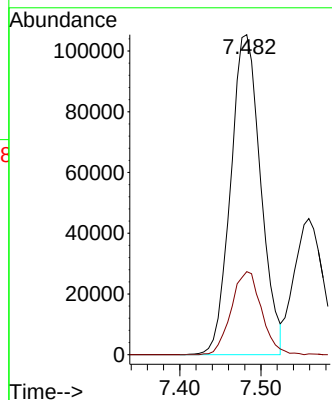
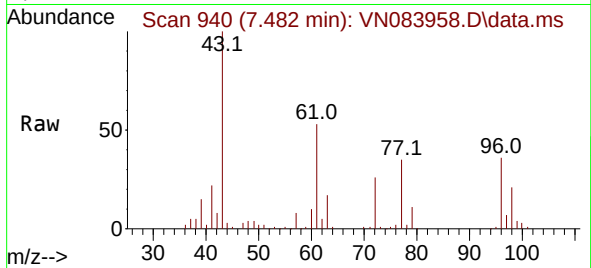




#25  
2-Butanone  
Concen: 253.974 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

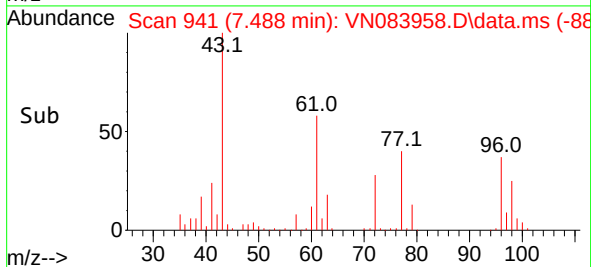
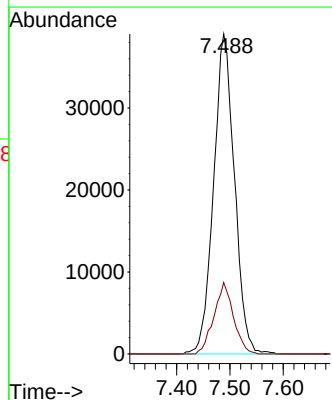
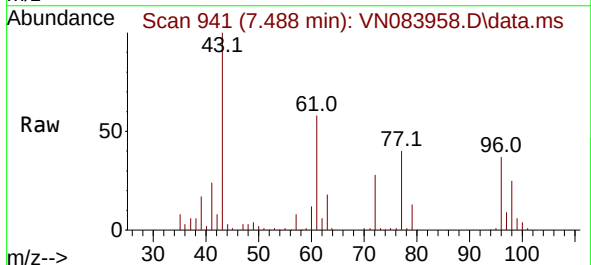
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

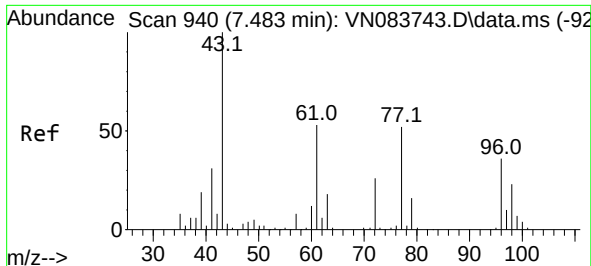
Tgt Ion: 43 Resp: 271024  
Ion Ratio Lower Upper  
43 100  
72 25.9 20.8 31.2



#26  
2,2-Dichloropropane  
Concen: 37.564 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 77 Resp: 106208  
Ion Ratio Lower Upper  
77 100  
97 20.9 10.2 30.4



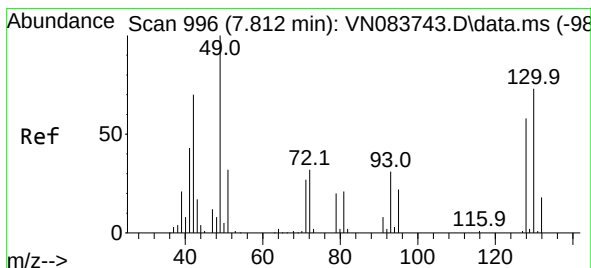
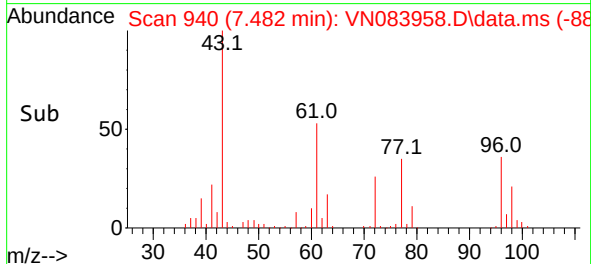
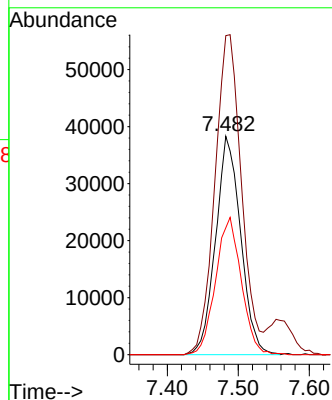
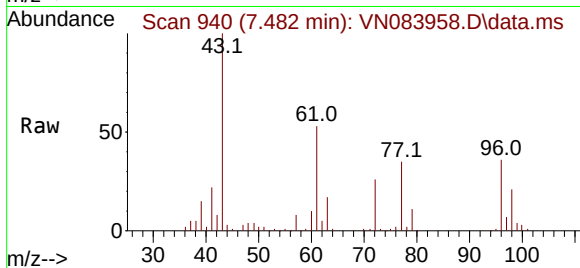


#27  
 cis-1,2-Dichloroethene  
 Concen: 50.726 ug/l  
 RT: 7.482 min Scan# 940  
 Delta R.T. -0.000 min  
 Lab File: VN083958.D  
 Acq: 18 Sep 2024 03:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 96 Resp: 93755  

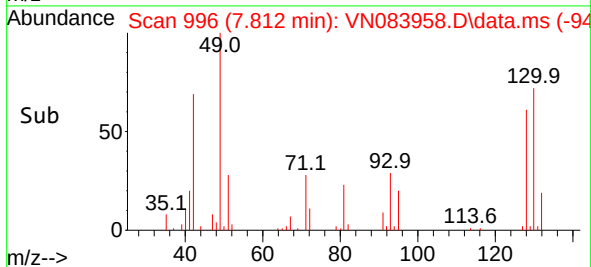
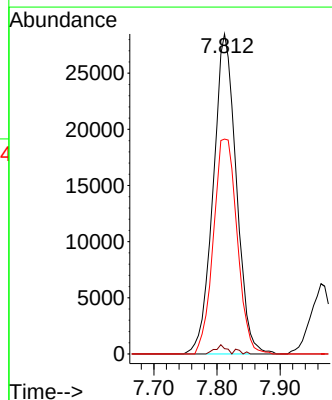
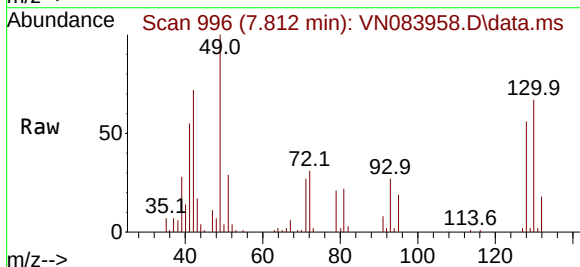
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 155.4 | 0.0   | 306.2 |
| 98  | 64.6  | 0.0   | 128.6 |

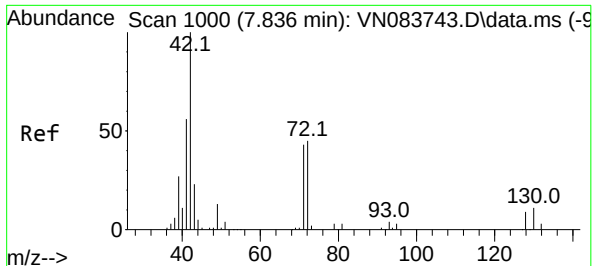


#28  
 Bromochloromethane  
 Concen: 55.873 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.000 min  
 Lab File: VN083958.D  
 Acq: 18 Sep 2024 03:04

Tgt Ion: 49 Resp: 72238  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.3   | 0.0   | 3.4   |
| 130 | 69.2  | 60.2  | 90.2  |





#29

Tetrahydrofuran

Concen: 280.094 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

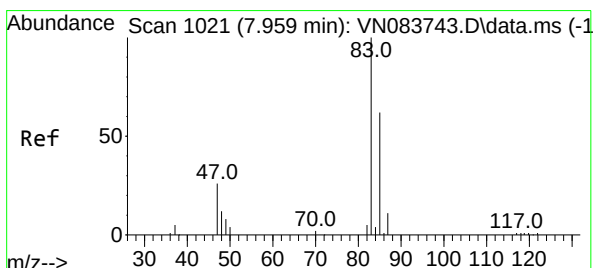
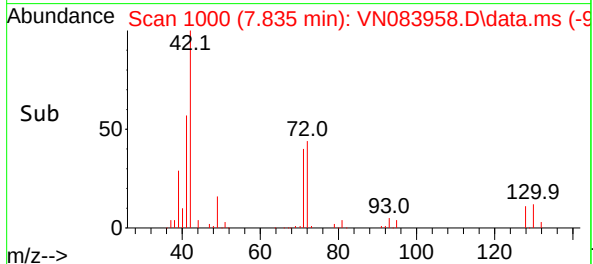
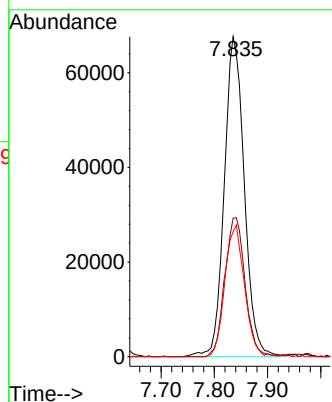
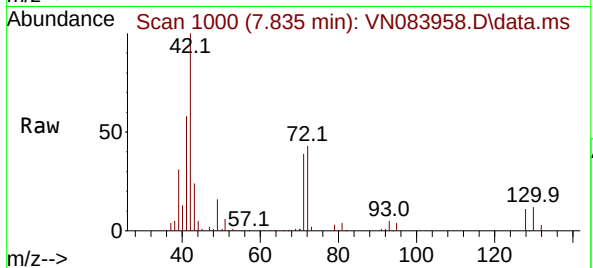
Tgt Ion: 42 Resp: 176736

Ion Ratio Lower Upper

42 100

72 43.9 35.9 53.9

71 40.7 33.9 50.9



#30

Chloroform

Concen: 51.261 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN083958.D

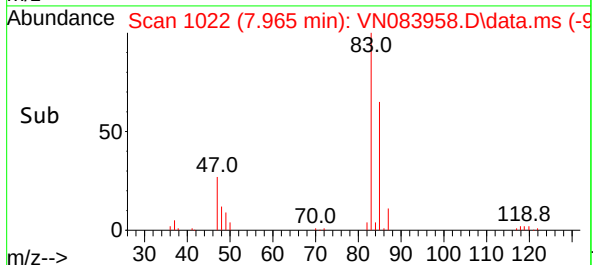
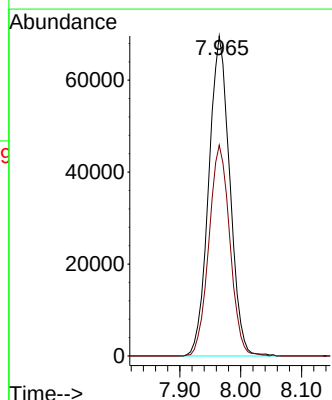
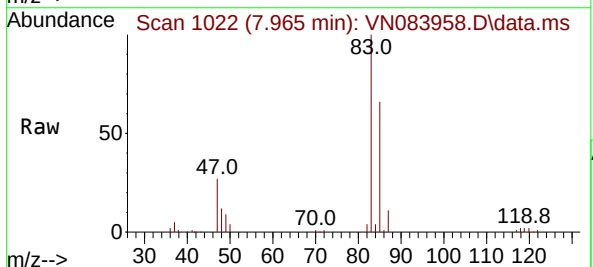
Acq: 18 Sep 2024 03:04

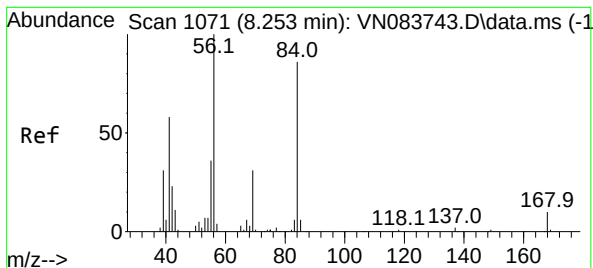
Tgt Ion: 83 Resp: 167080

Ion Ratio Lower Upper

83 100

85 65.9 52.8 79.2





#31

Cyclohexane

Concen: 42.566 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

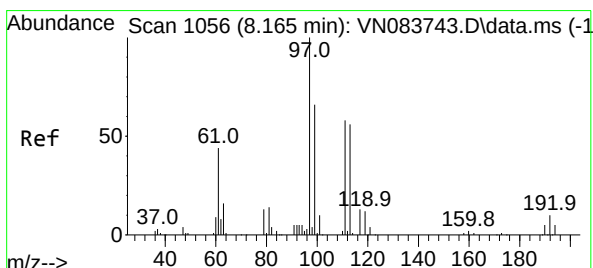
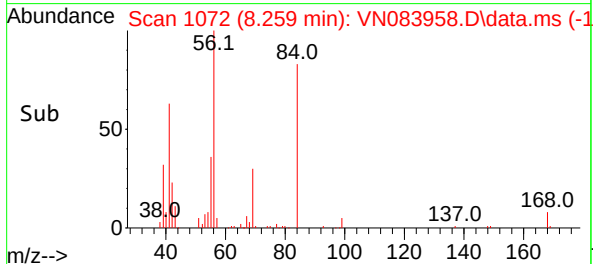
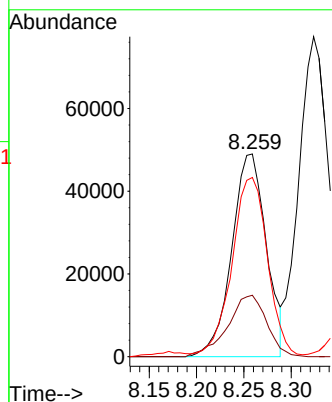
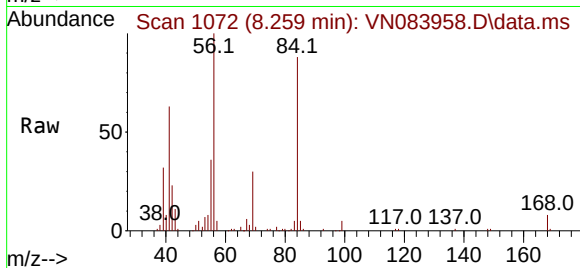
Tgt Ion: 56 Resp: 124598

Ion Ratio Lower Upper

56 100

69 30.3 26.9 40.3

84 86.5 69.2 103.8



#32

1,1,1-Trichloroethane

Concen: 50.571 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

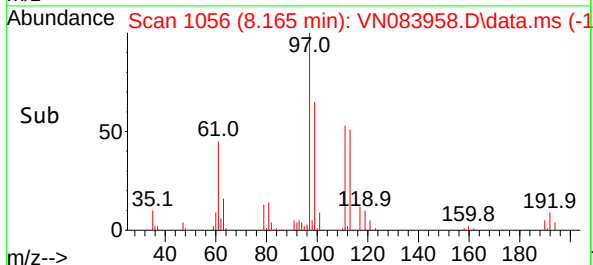
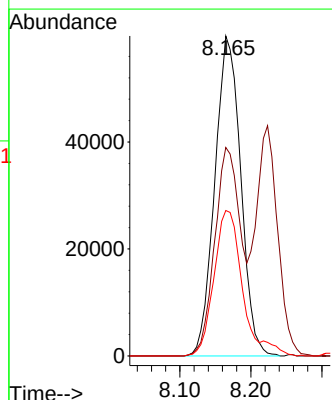
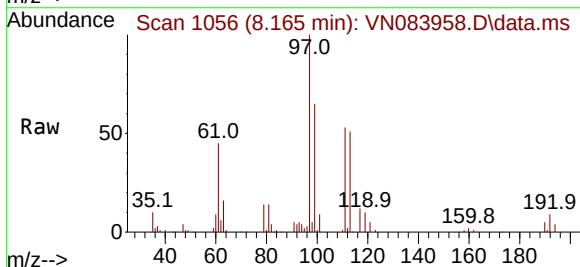
Tgt Ion: 97 Resp: 151561

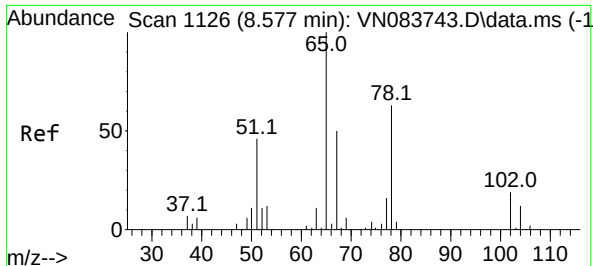
Ion Ratio Lower Upper

97 100

99 64.6 52.3 78.5

61 50.0 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 50.906 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

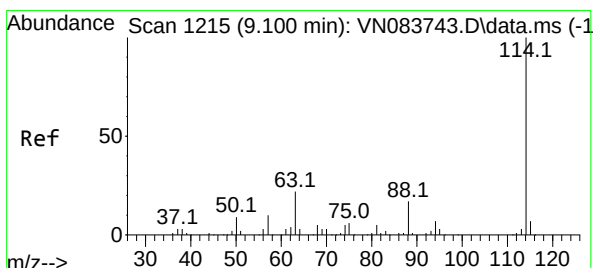
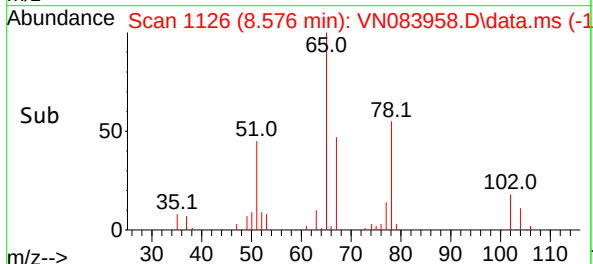
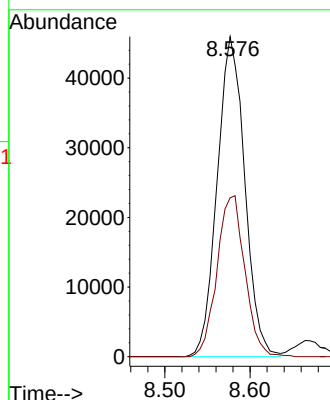
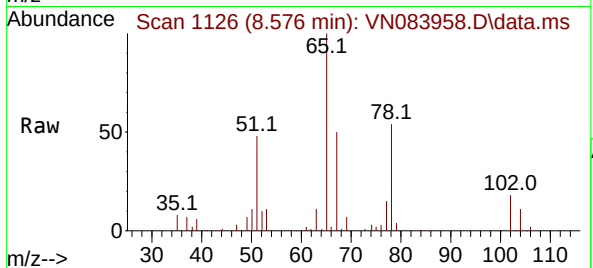
VSTDCCC050

Tgt Ion: 65 Resp: 103103

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

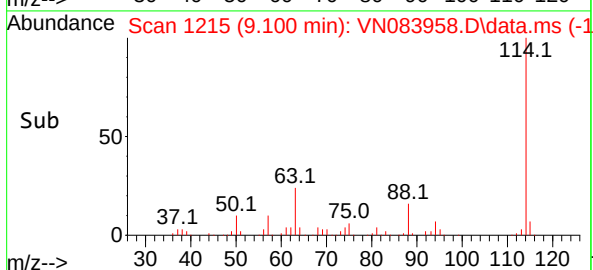
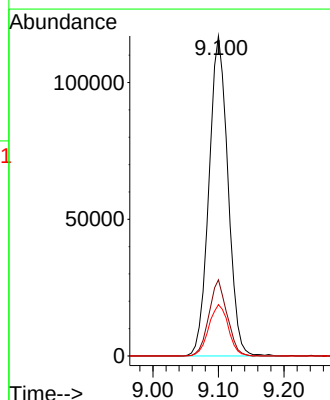
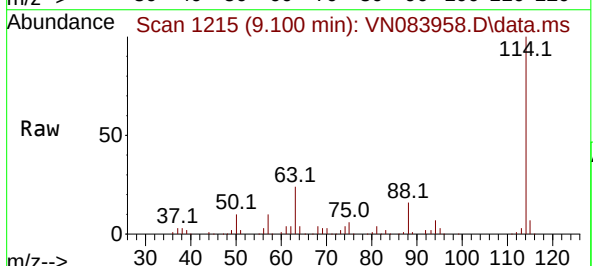
Tgt Ion: 114 Resp: 235016

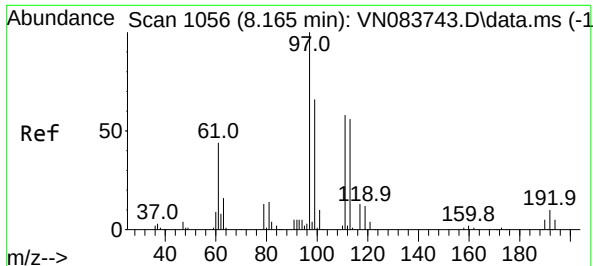
Ion Ratio Lower Upper

114 100

63 23.8 0.0 43.4

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.149 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

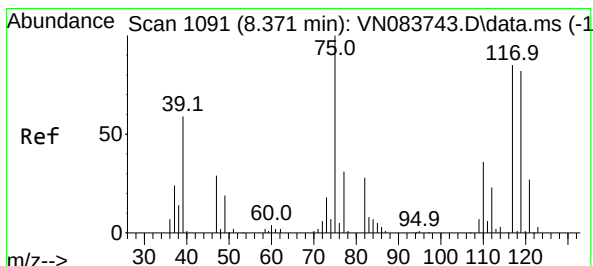
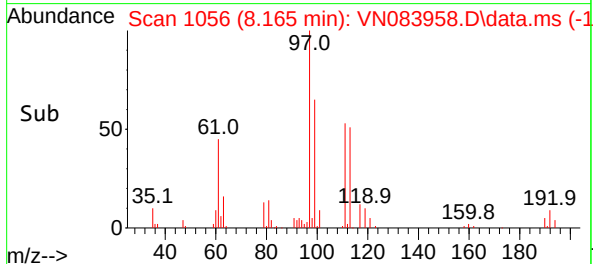
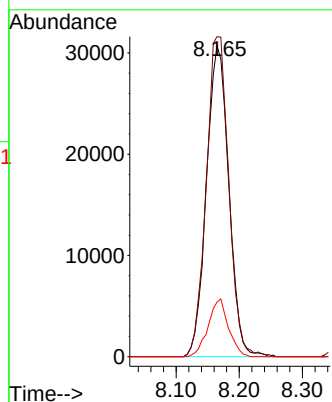
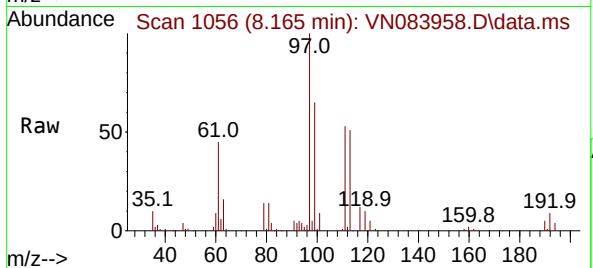
Tgt Ion:113 Resp: 75452

Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 16.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 49.486 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

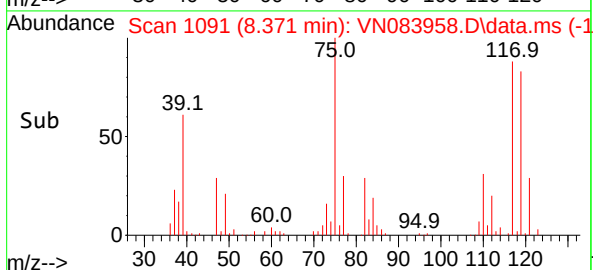
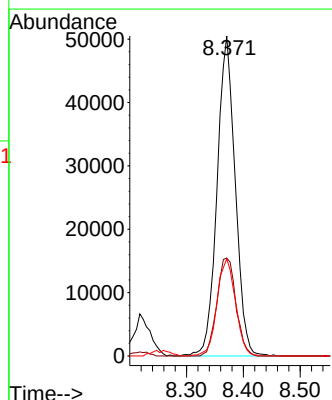
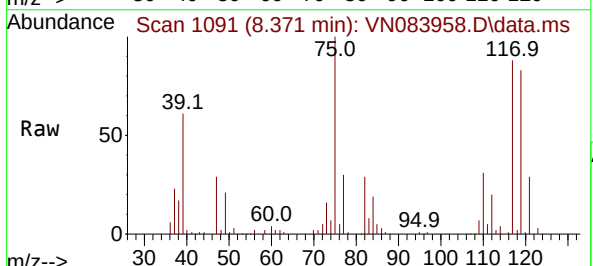
Tgt Ion: 75 Resp: 112064

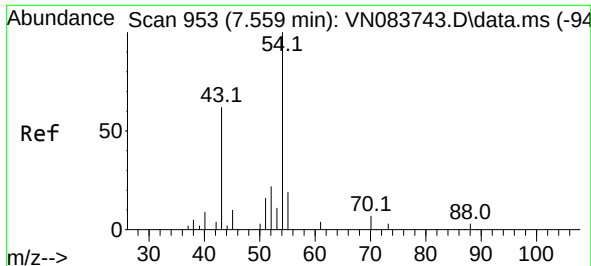
Ion Ratio Lower Upper

75 100

110 32.1 16.7 50.1

77 31.0 25.2 37.8





#37

Ethyl Acetate

Concen: 55.667 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

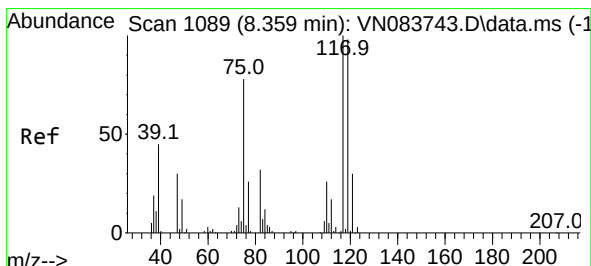
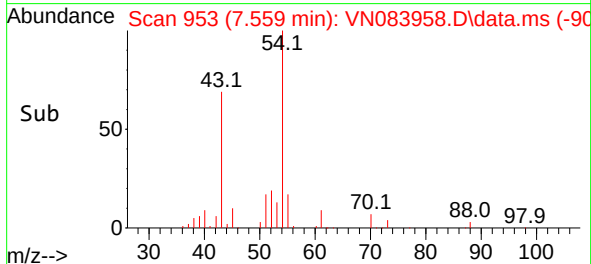
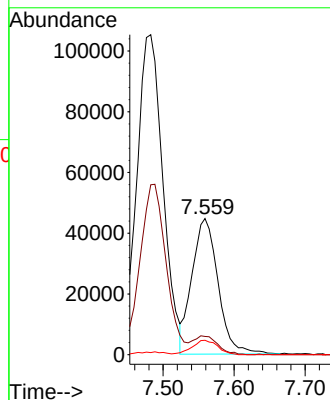
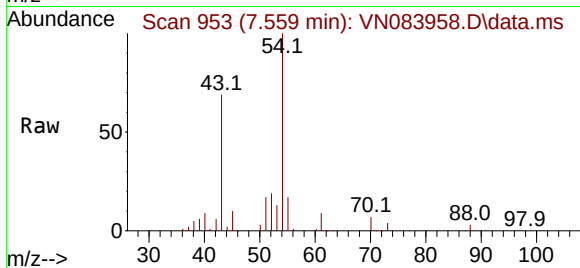
Tgt Ion: 43 Resp: 114425

Ion Ratio Lower Upper

43 100

61 12.8 11.1 16.7

70 10.4 8.8 13.2



#38

Carbon Tetrachloride

Concen: 50.698 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

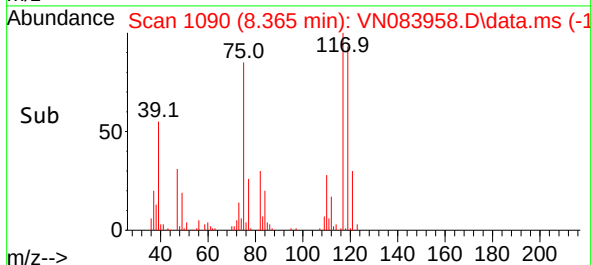
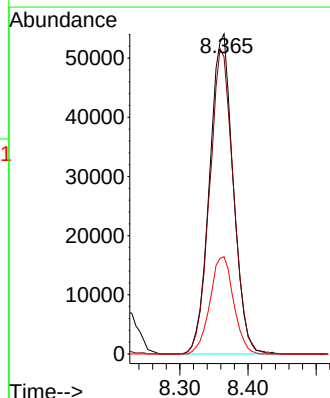
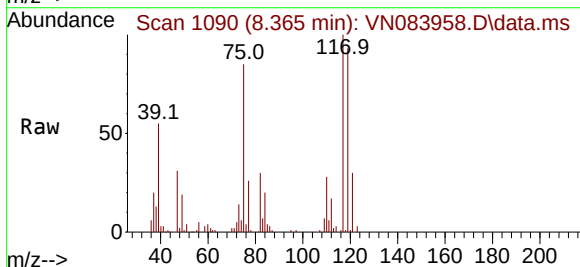
Tgt Ion: 117 Resp: 130250

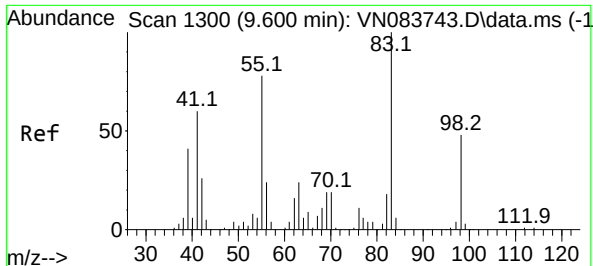
Ion Ratio Lower Upper

117 100

119 92.8 76.1 114.1

121 30.4 24.1 36.1





#39

Methylcyclohexane

Concen: 46.373 ug/l

RT: 9.600 min Scan# 119531

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

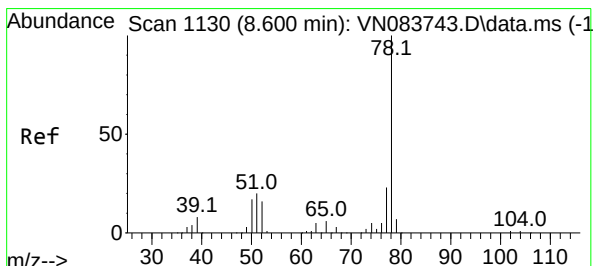
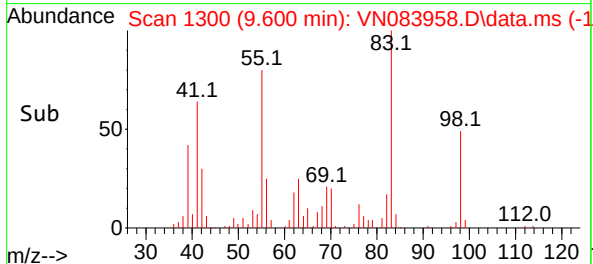
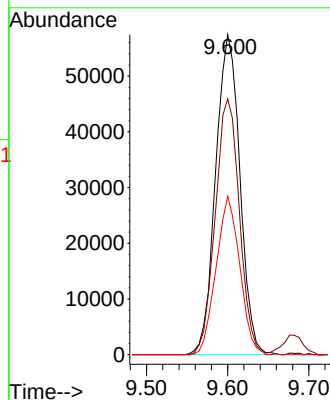
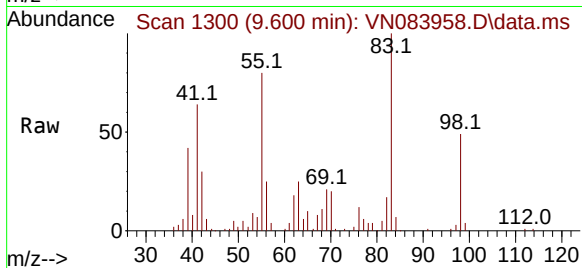
Tgt Ion: 83 Resp: 119531

Ion Ratio Lower Upper

83 100

55 80.0 62.2 93.4

98 49.5 37.6 56.4



#40

Benzene

Concen: 50.370 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN083958.D

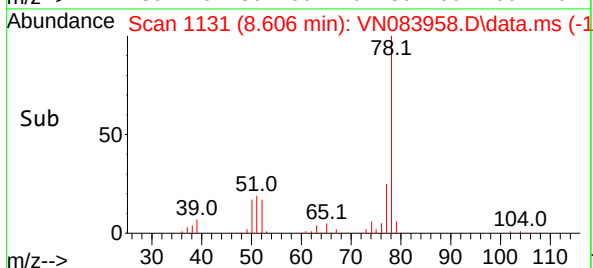
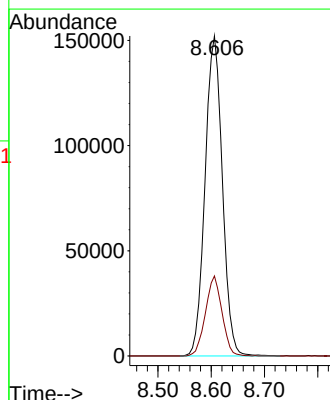
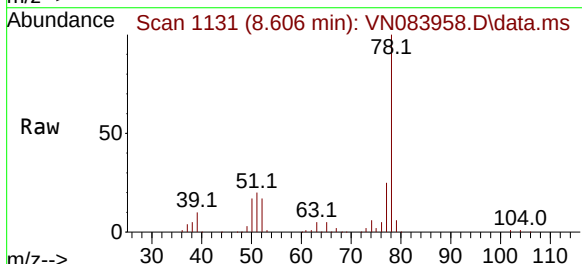
Acq: 18 Sep 2024 03:04

Tgt Ion: 78 Resp: 343321

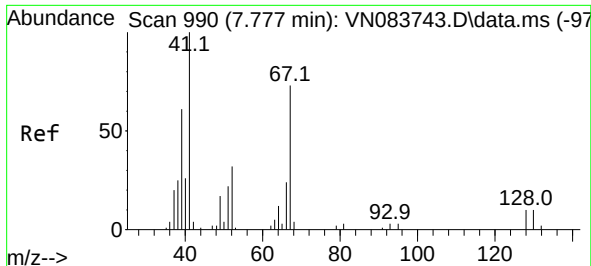
Ion Ratio Lower Upper

78 100

77 25.0 19.0 28.6



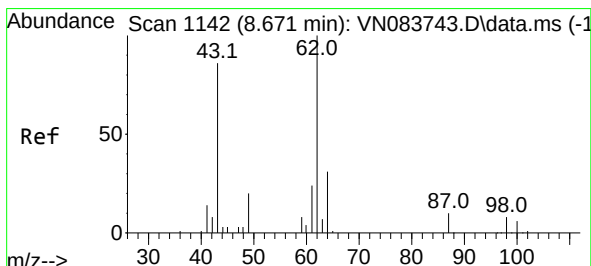
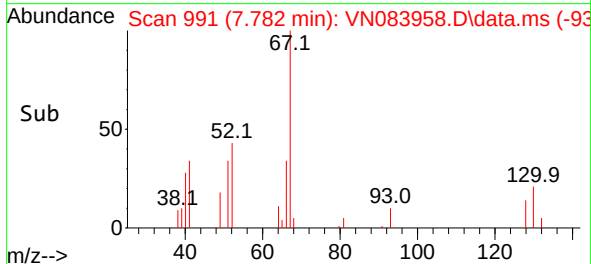
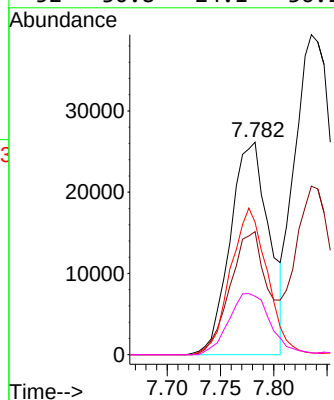
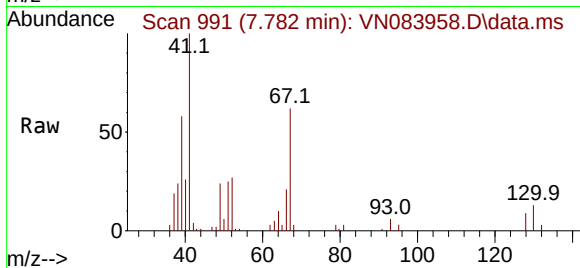




#41  
Methacrylonitrile  
Concen: 54.692 ug/l  
RT: 7.782 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

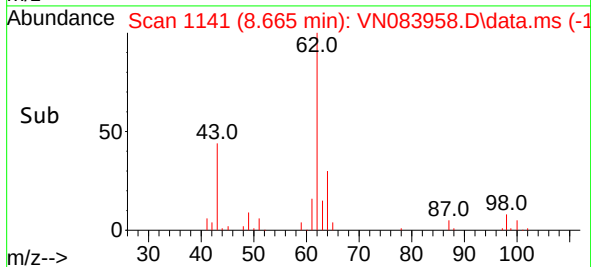
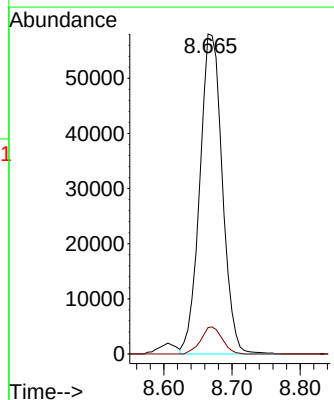
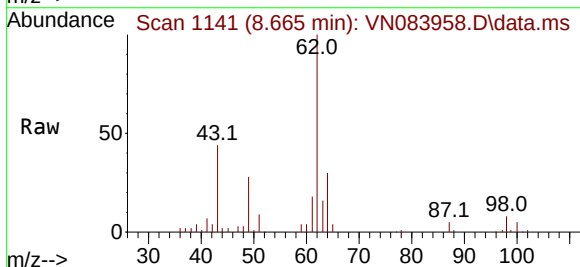
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

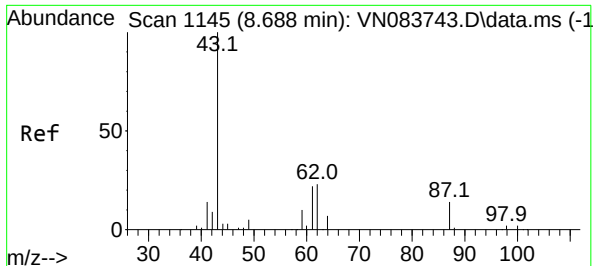
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 66492 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.9  | 45.4  | 68.2  |
| 67       | 65.6  | 55.9  | 83.9  |
| 52       | 30.8  | 24.1  | 36.1  |



#42  
1,2-Dichloroethane  
Concen: 52.387 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 133425 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.0   | 0.0   | 16.6   |





#43

Isopropyl Acetate

Concen: 56.250 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

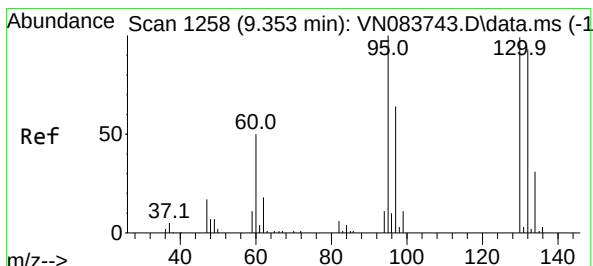
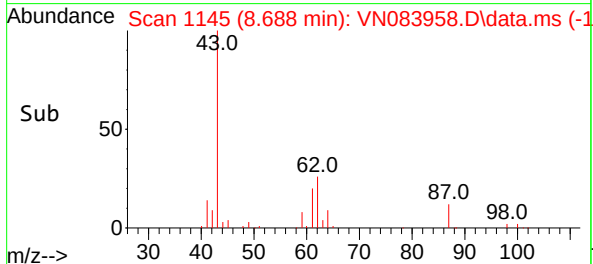
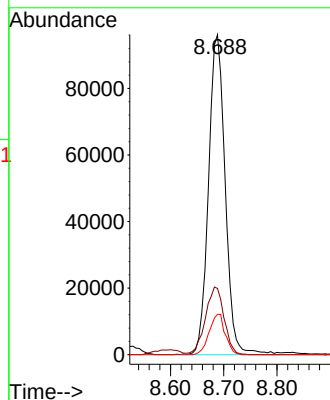
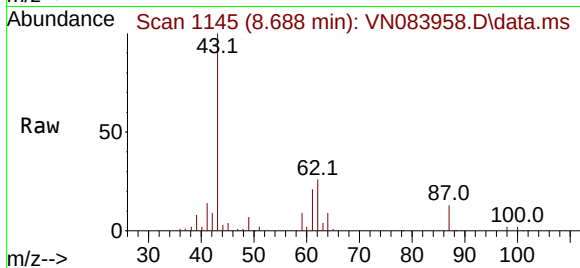
Tgt Ion: 43 Resp: 209526

Ion Ratio Lower Upper

43 100

61 23.6 19.4 29.0

87 12.1 9.8 14.6



#44

Trichloroethene

Concen: 50.406 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083958.D

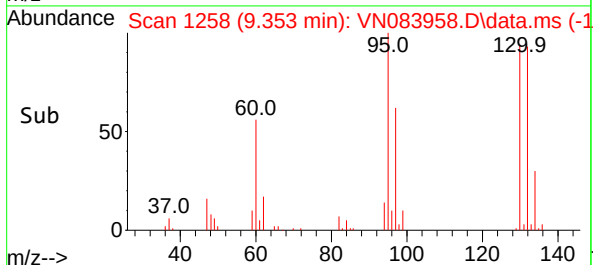
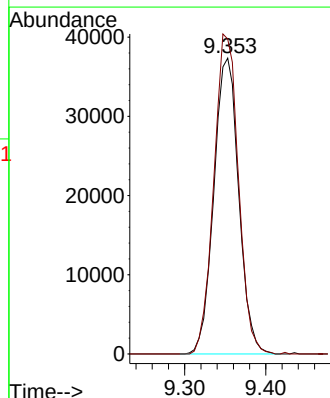
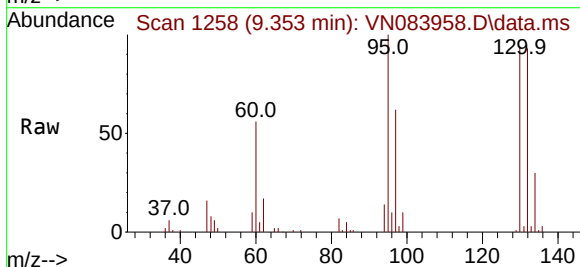
Acq: 18 Sep 2024 03:04

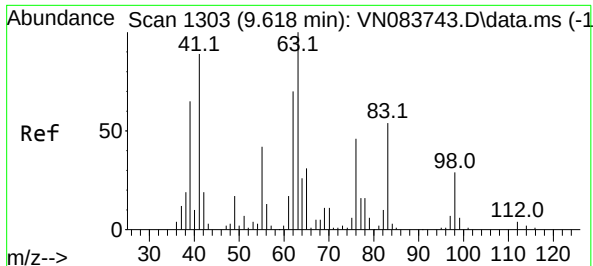
Tgt Ion:130 Resp: 79562

Ion Ratio Lower Upper

130 100

95 106.4 0.0 200.4





#45

1,2-Dichloropropane

Concen: 52.283 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

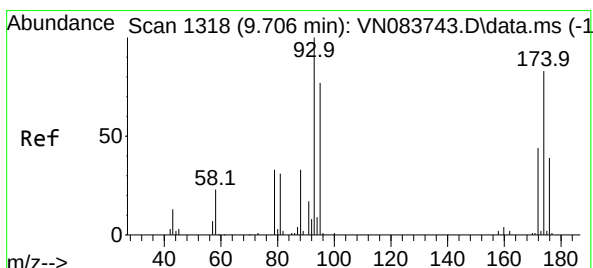
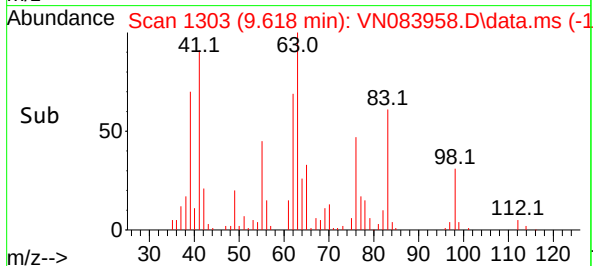
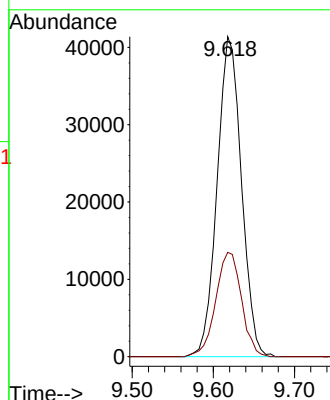
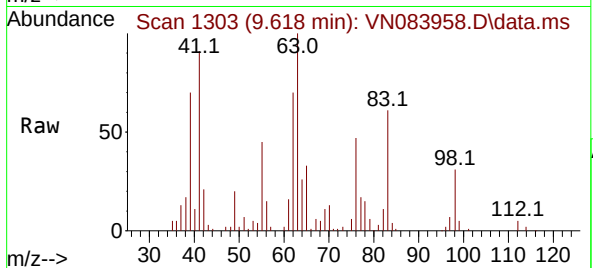
VSTDCCC050

Tgt Ion: 63 Resp: 86130

Ion Ratio Lower Upper

63 100

65 32.6 25.9 38.9



#46

Dibromomethane

Concen: 53.340 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

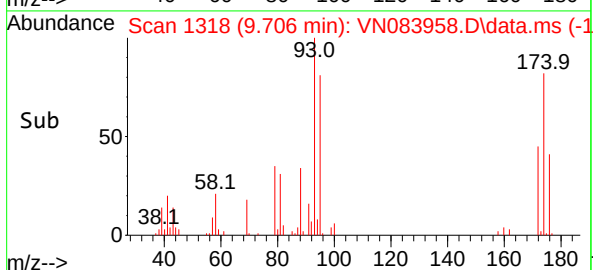
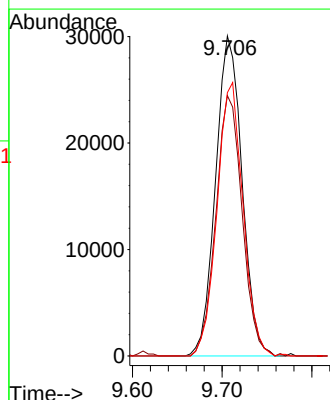
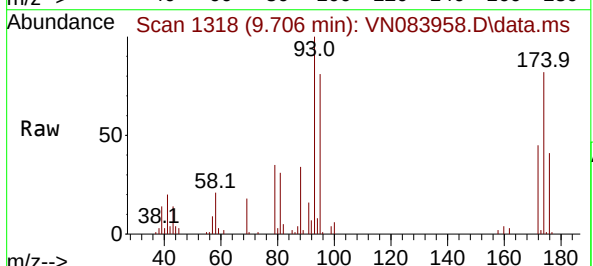
Tgt Ion: 93 Resp: 61548

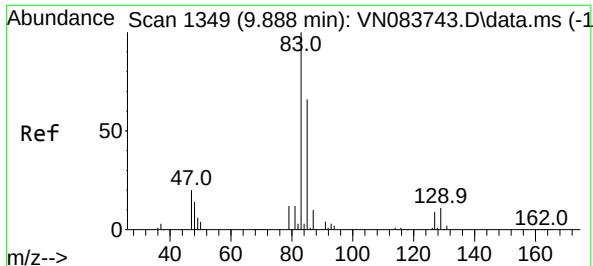
Ion Ratio Lower Upper

93 100

95 81.1 65.3 97.9

174 84.0 71.0 106.4





#47

Bromodichloromethane

Concen: 54.259 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

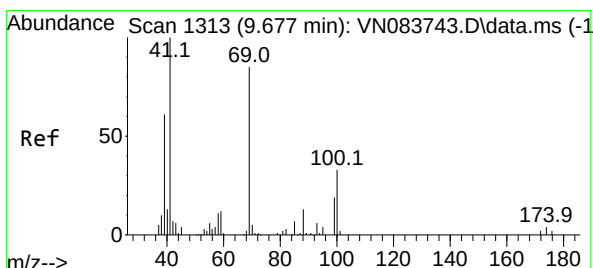
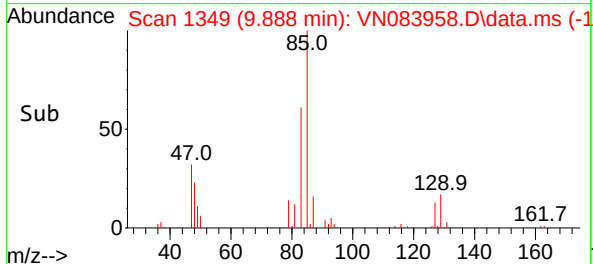
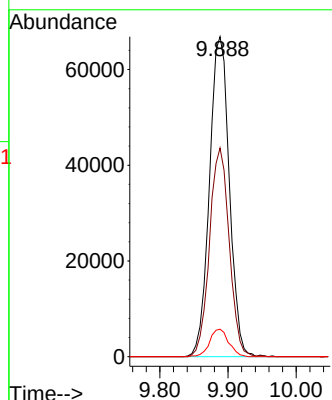
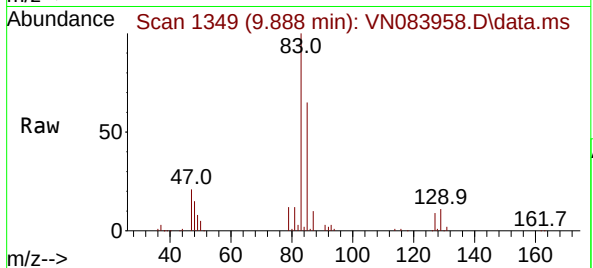
Tgt Ion: 83 Resp: 135498

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.8

127 8.6 6.6 9.8



#48

Methyl methacrylate

Concen: 55.352 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

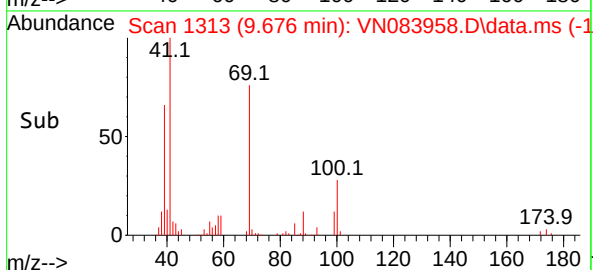
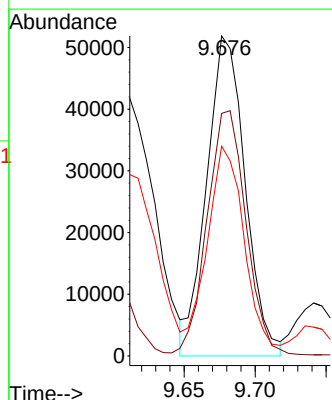
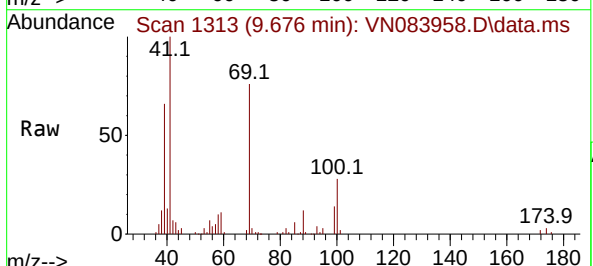
Tgt Ion: 41 Resp: 97821

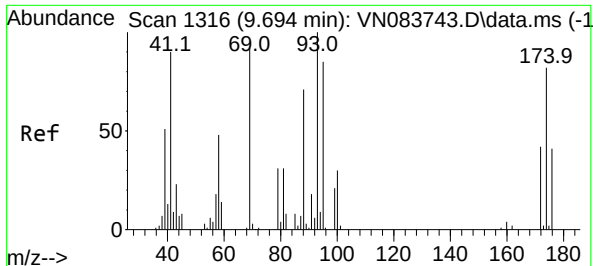
Ion Ratio Lower Upper

41 100

69 78.0 64.3 96.5

39 64.3 48.9 73.3





#49

1,4-Dioxane

Concen: 1074.321 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

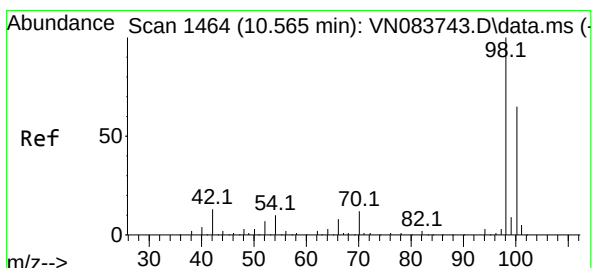
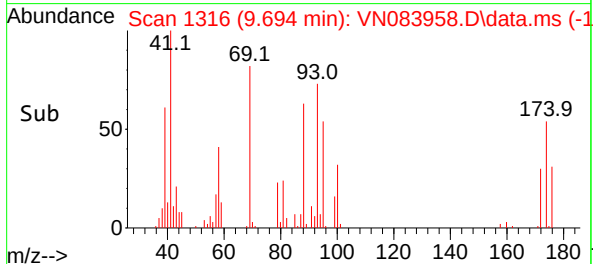
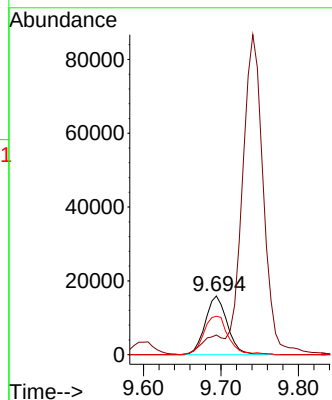
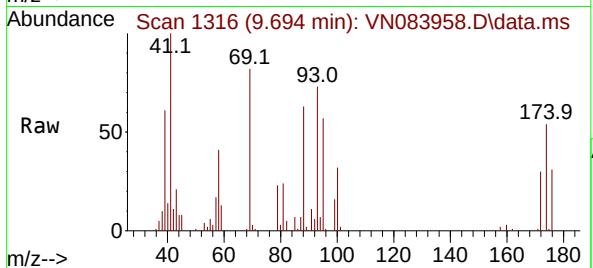
Tgt Ion: 88 Resp: 31233

Ion Ratio Lower Upper

88 100

43 34.6 0.0 0.0#

58 73.5 57.1 85.7



#50

Toluene-d8

Concen: 52.929 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083958.D

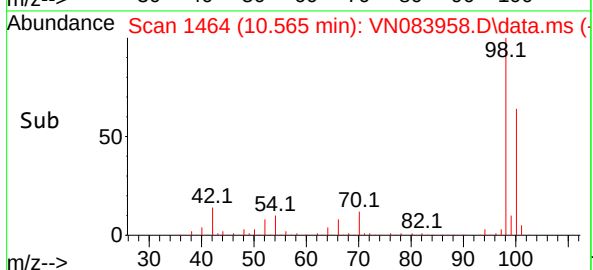
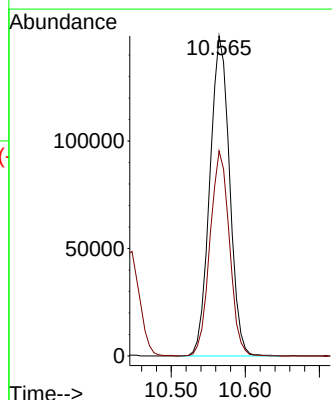
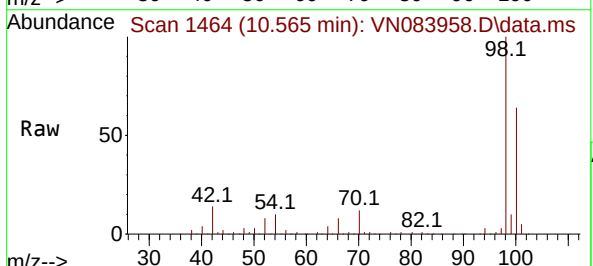
Acq: 18 Sep 2024 03:04

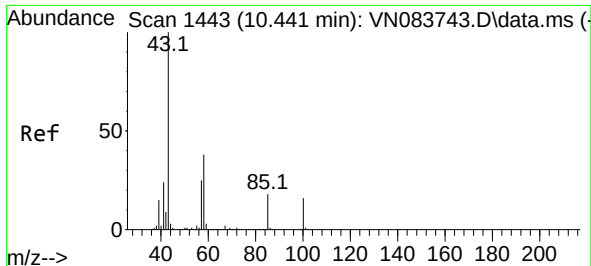
Tgt Ion: 98 Resp: 275301

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

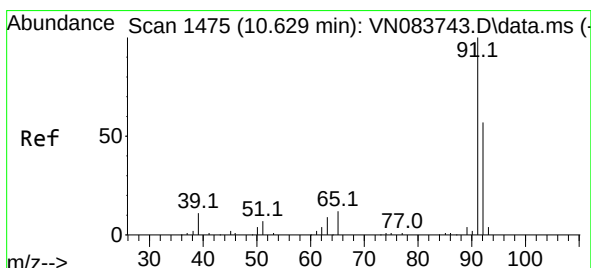
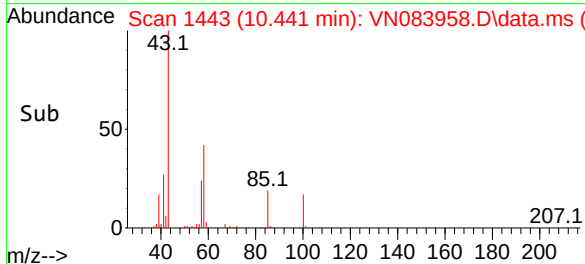
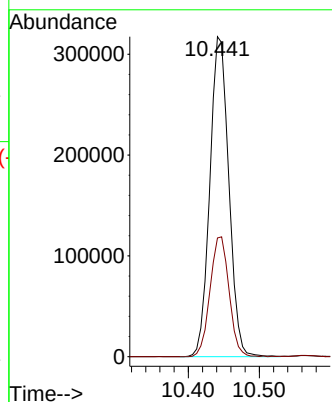
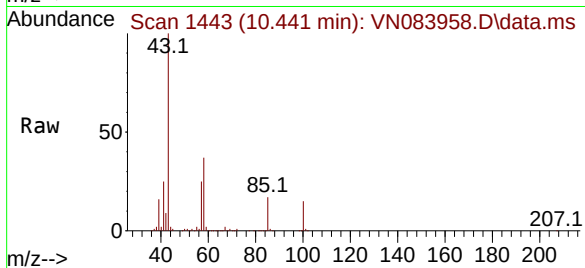




#51  
4-Methyl-2-Pentanone  
Concen: 290.358 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

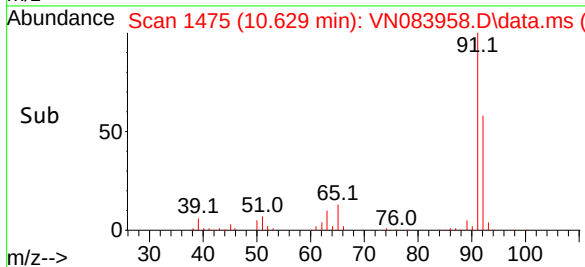
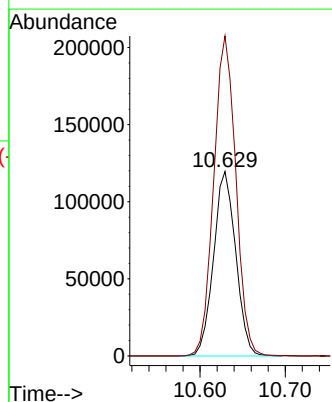
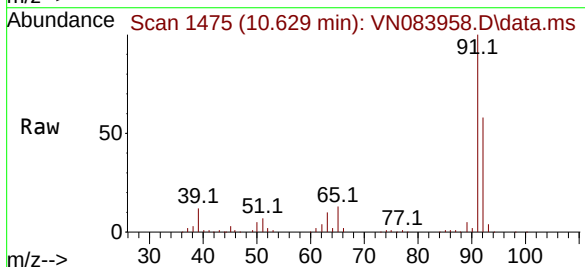
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

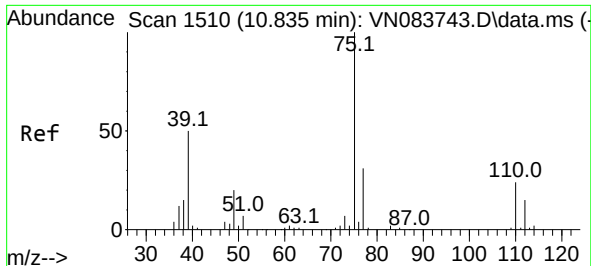
Tgt Ion: 43 Resp: 588747  
Ion Ratio Lower Upper  
43 100  
58 37.5 31.6 47.4



#52  
Toluene  
Concen: 51.903 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 92 Resp: 216392  
Ion Ratio Lower Upper  
92 100  
91 173.4 134.7 202.1





#53

t-1,3-Dichloropropene

Concen: 51.373 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

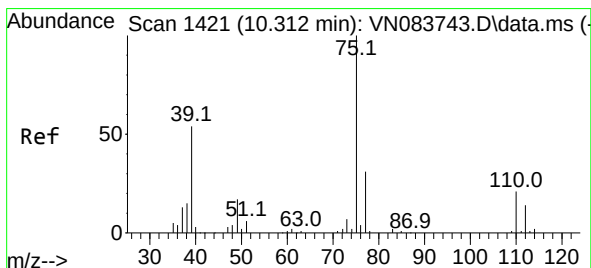
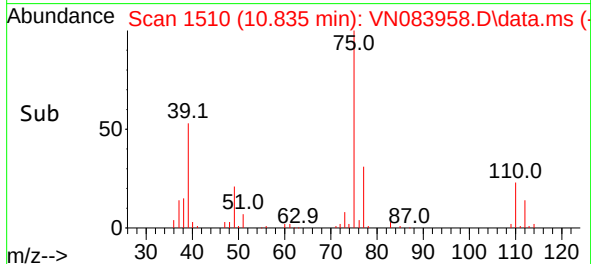
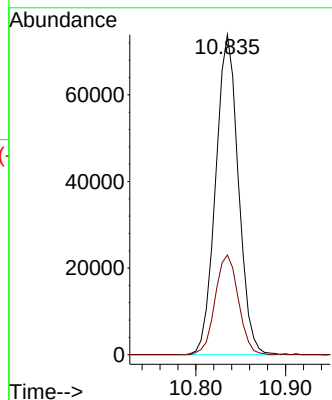
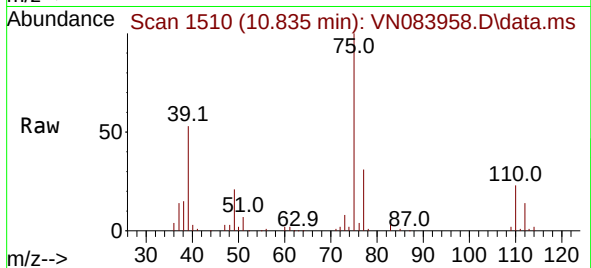
VSTDCCC050

Tgt Ion: 75 Resp: 130038

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 51.933 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

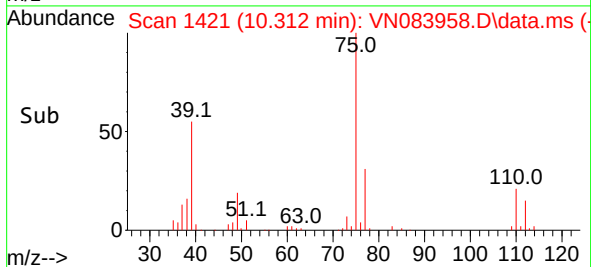
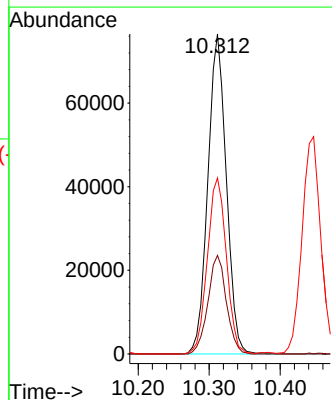
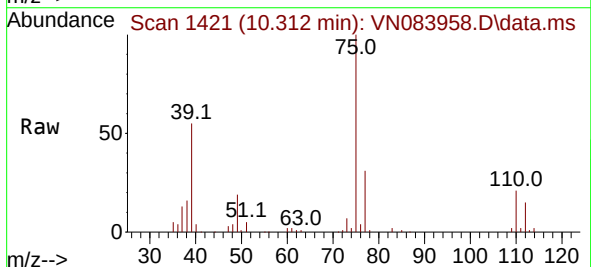
Tgt Ion: 75 Resp: 138084

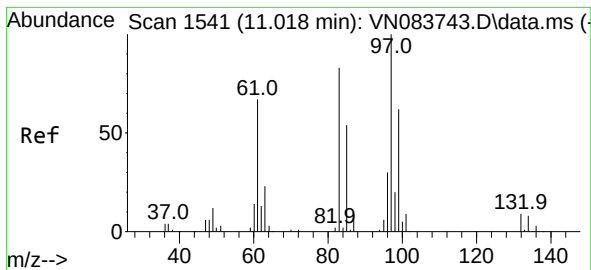
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

39 55.0 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 52.275 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 81365

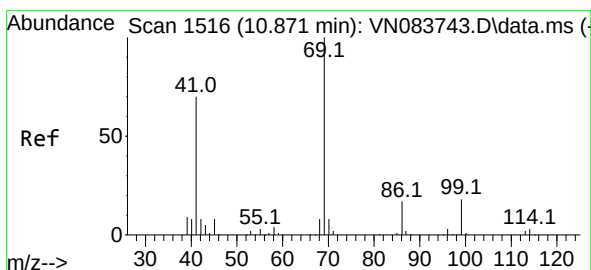
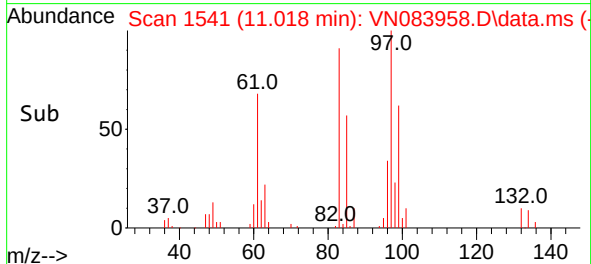
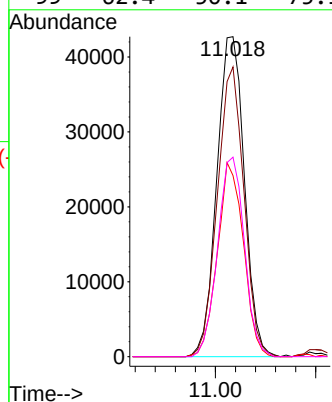
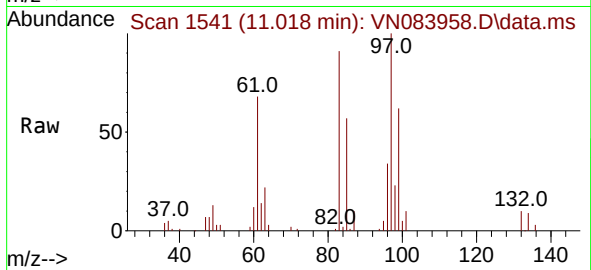
Ion Ratio Lower Upper

97 100

83 90.6 67.5 101.3

85 56.6 44.2 66.2

99 62.4 50.1 75.1



#56

Ethyl methacrylate

Concen: 57.125 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

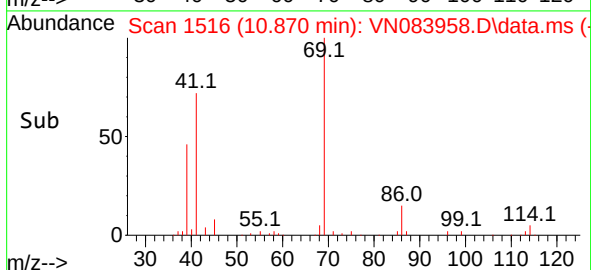
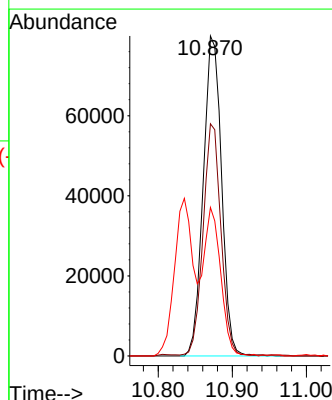
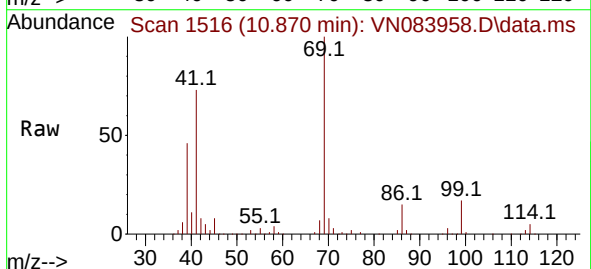
Tgt Ion: 69 Resp: 136796

Ion Ratio Lower Upper

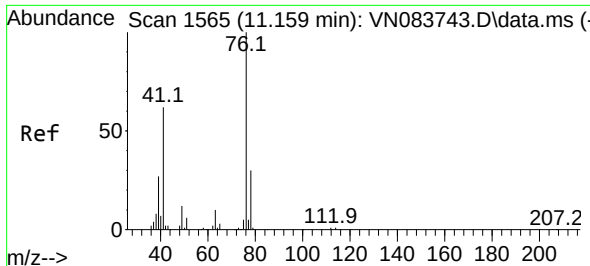
69 100

41 70.2 53.9 80.9

39 43.6 32.6 48.8







#57

1,3-Dichloropropane

Concen: 53.932 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

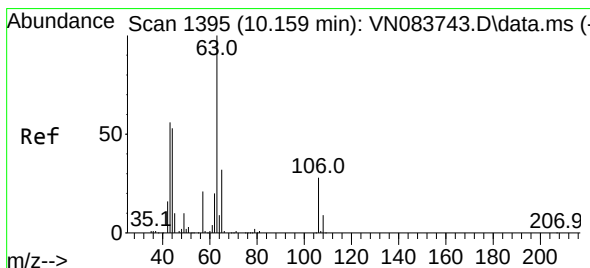
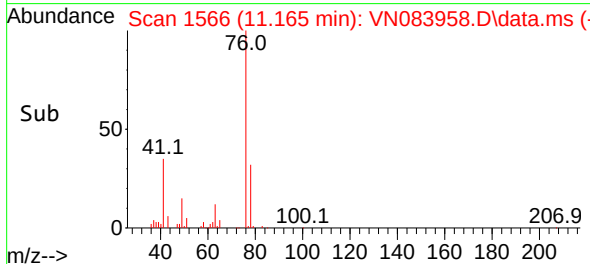
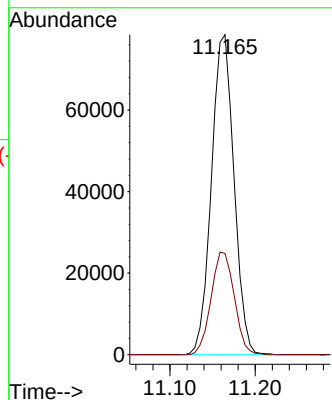
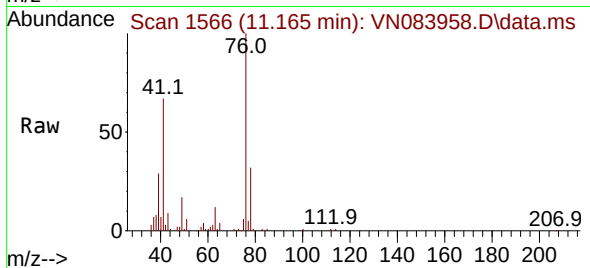
VSTDCCC050

Tgt Ion: 76 Resp: 144273

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 332.781 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083958.D

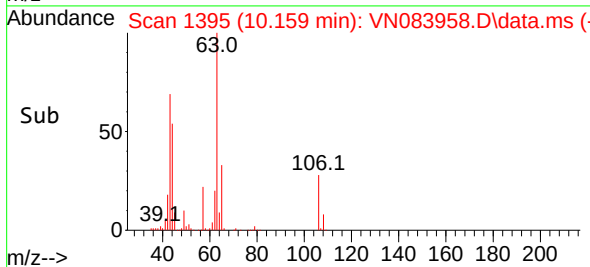
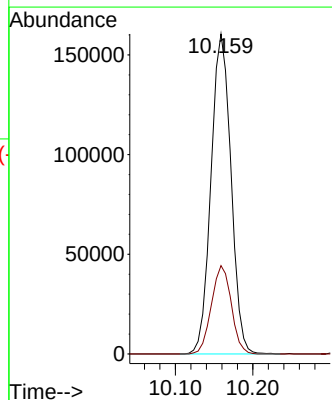
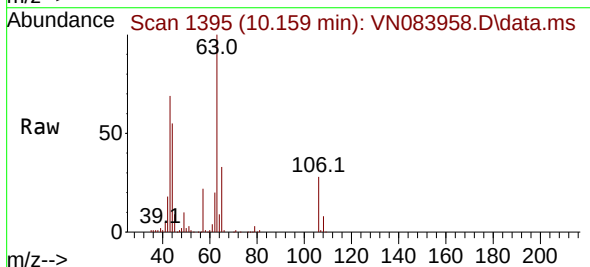
Acq: 18 Sep 2024 03:04

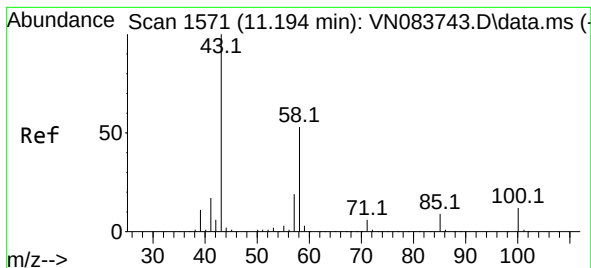
Tgt Ion: 63 Resp: 287144

Ion Ratio Lower Upper

63 100

106 27.4 23.3 34.9





#59

2-Hexanone

Concen: 281.322 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

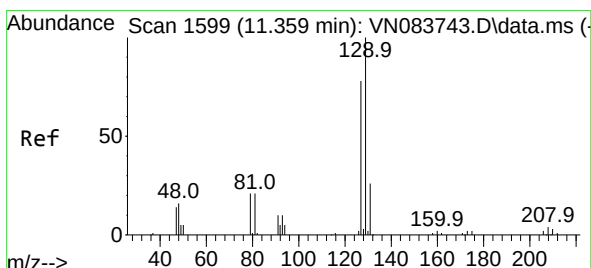
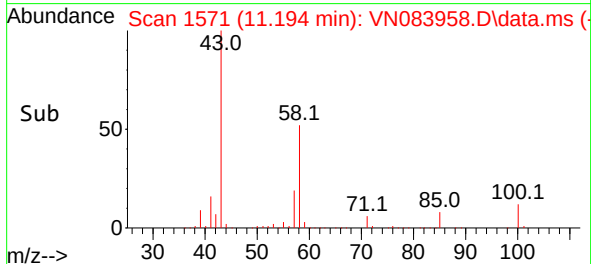
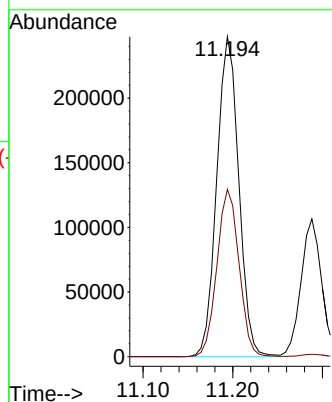
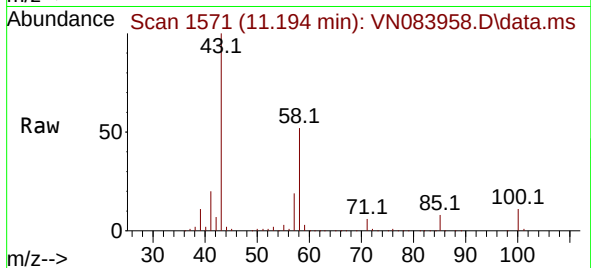
VSTDCCC050

Tgt Ion: 43 Resp: 421957

Ion Ratio Lower Upper

43 100

58 52.4 27.2 81.5



#60

Dibromochloromethane

Concen: 57.025 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN083958.D

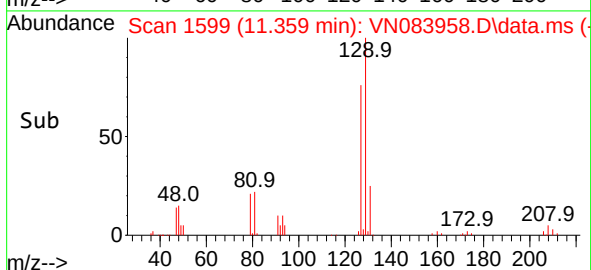
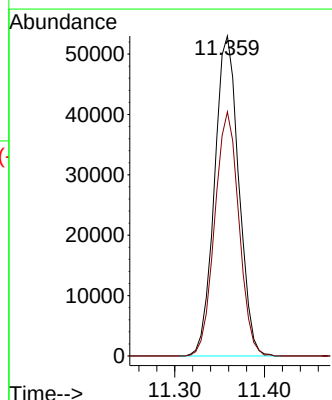
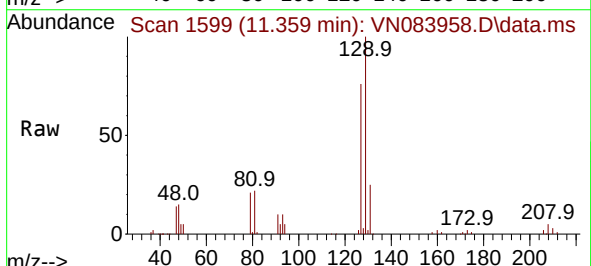
Acq: 18 Sep 2024 03:04

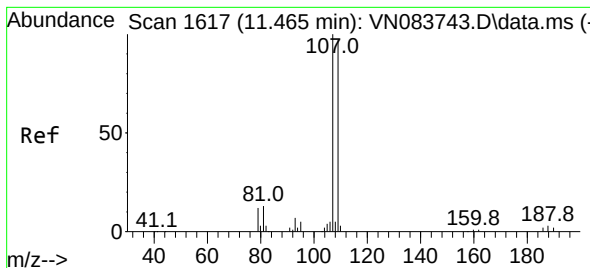
Tgt Ion:129 Resp: 99332

Ion Ratio Lower Upper

129 100

127 76.0 39.0 116.9





#61

1,2-Dibromoethane

Concen: 53.419 ug/l

RT: 11.470 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

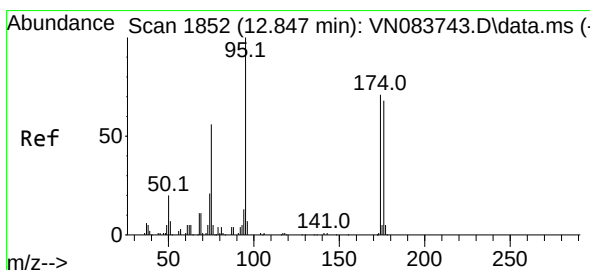
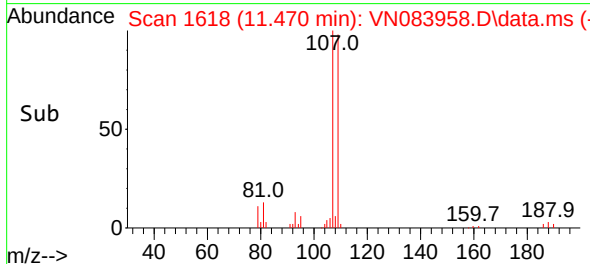
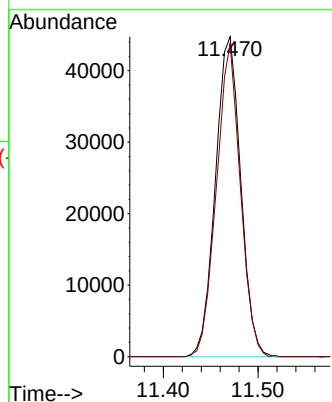
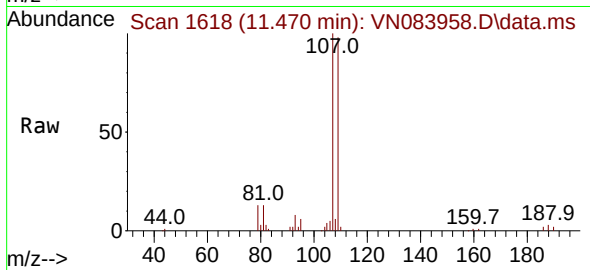
VSTDCCC050

Tgt Ion:107 Resp: 82921

Ion Ratio Lower Upper

107 100

109 92.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.178 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

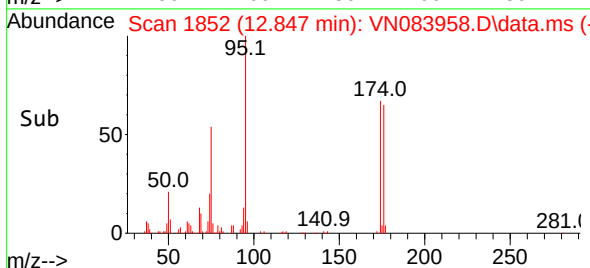
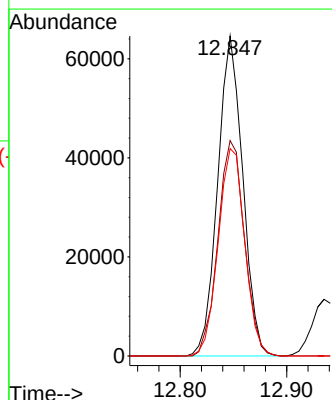
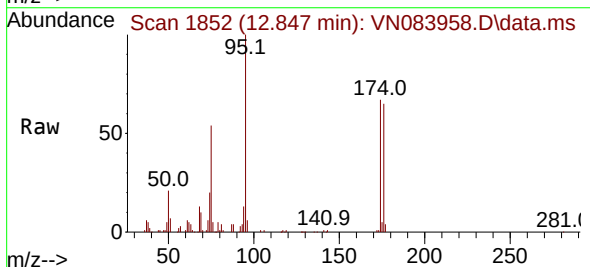
Tgt Ion: 95 Resp: 105532

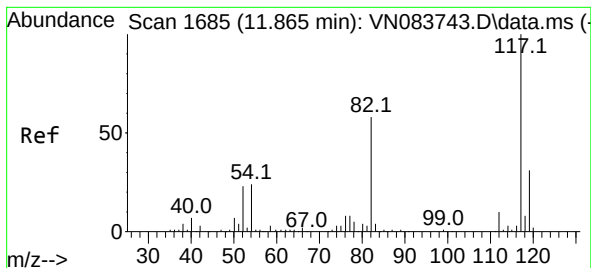
Ion Ratio Lower Upper

95 100

174 71.0 0.0 139.8

176 68.6 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

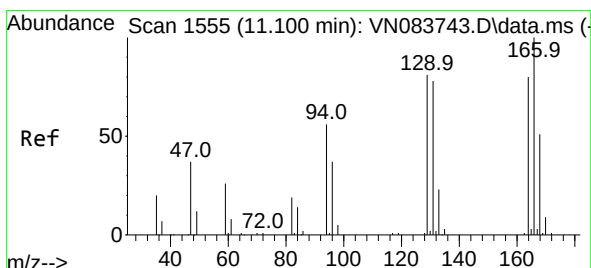
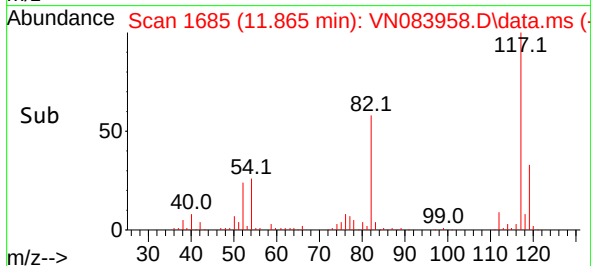
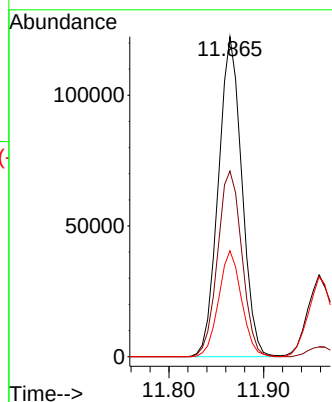
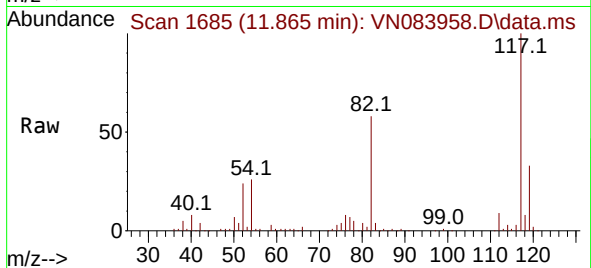
Tgt Ion:117 Resp: 211248

Ion Ratio Lower Upper

117 100

82 58.0 47.4 71.0

119 33.1 26.3 39.5



#64

Tetrachloroethene

Concen: 49.724 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Tgt Ion:164 Resp: 69854

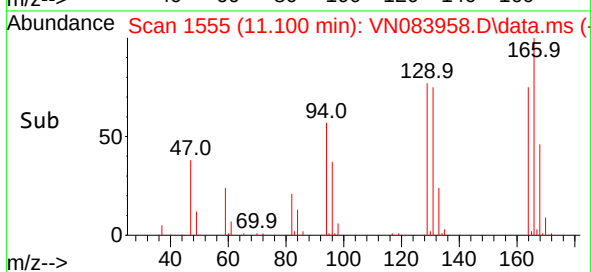
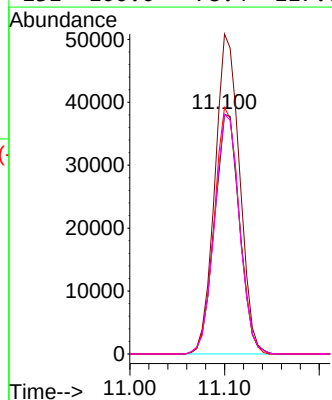
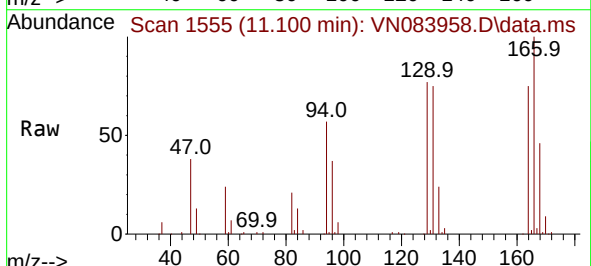
Ion Ratio Lower Upper

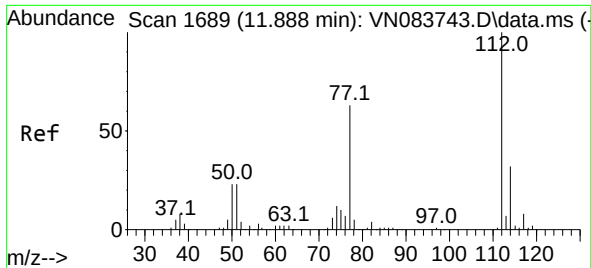
164 100

166 133.5 103.7 155.5

129 102.9 79.9 119.9

131 100.0 78.4 117.6

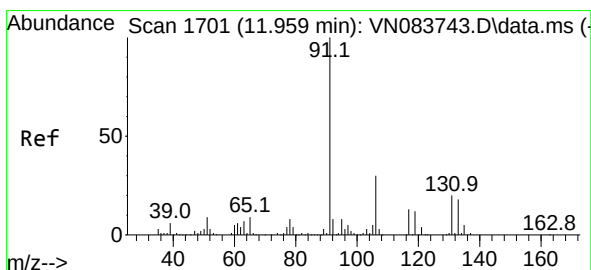
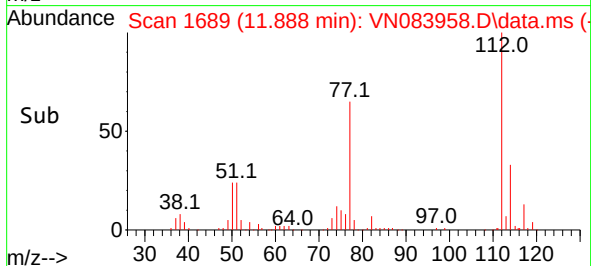
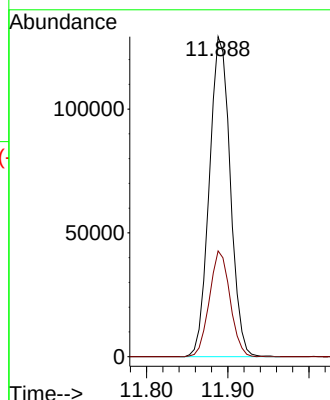
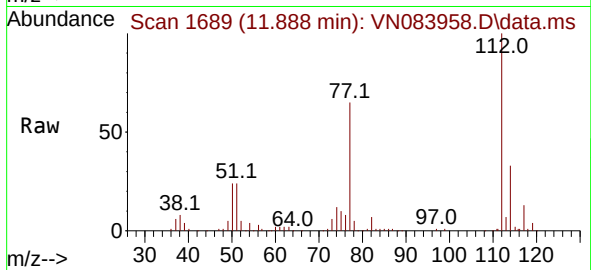




#65  
Chlorobenzene  
Concen: 49.267 ug/l  
RT: 11.888 min Scan# 112  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

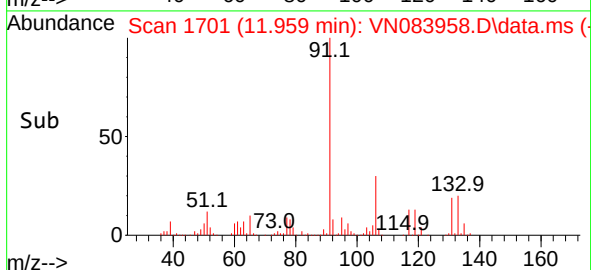
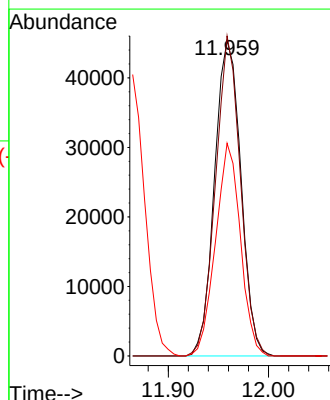
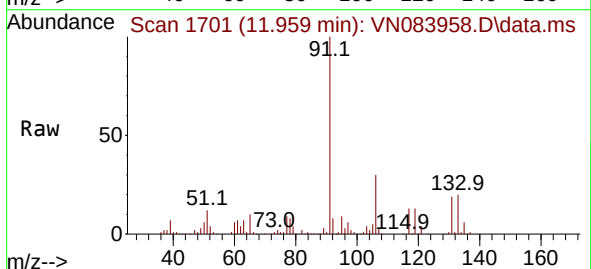
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

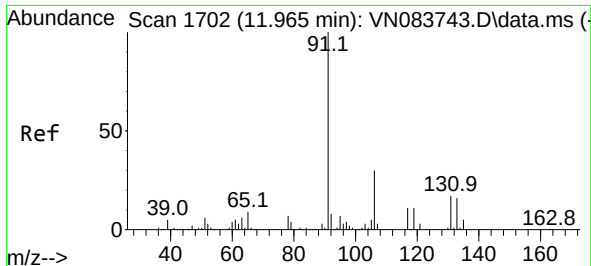
Tgt Ion:112 Resp: 231312  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.719 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion:131 Resp: 82553  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.5 142.6  
119 63.7 31.6 94.8

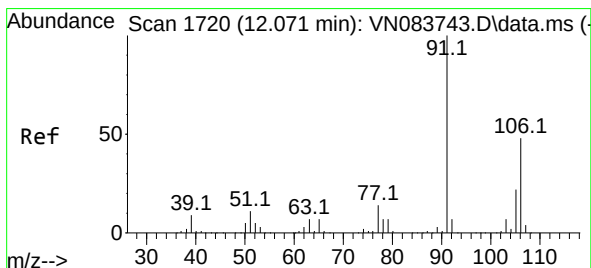
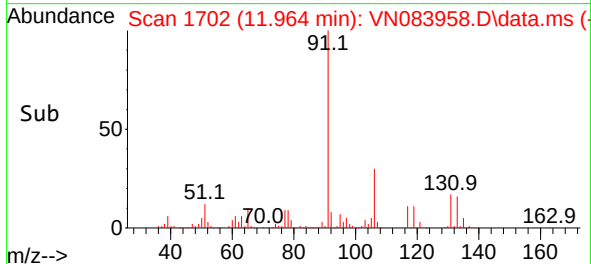
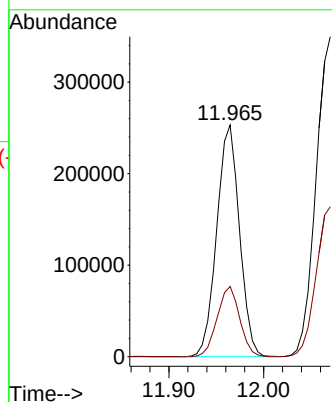
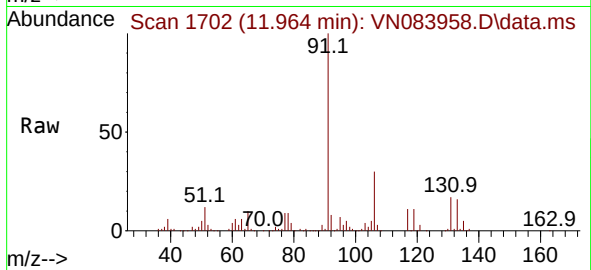




#67  
Ethyl Benzene  
Concen: 50.657 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

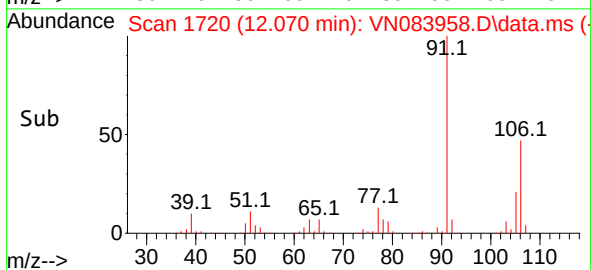
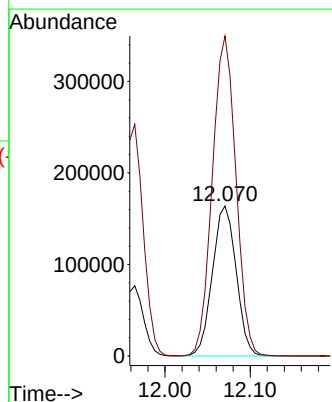
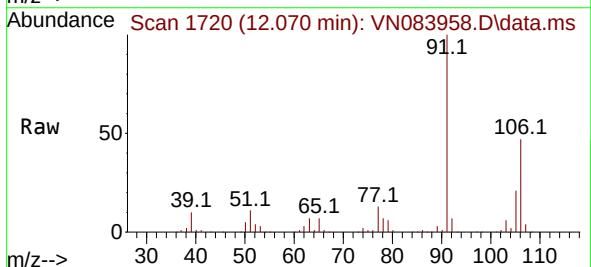
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

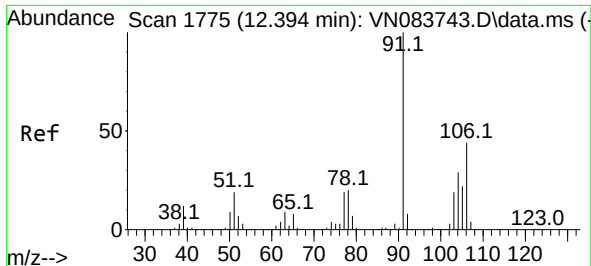
Tgt Ion: 91 Resp: 422506  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.3 36.5



#68  
m/p-Xylenes  
Concen: 102.537 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion:106 Resp: 317509  
Ion Ratio Lower Upper  
106 100  
91 212.4 169.2 253.8

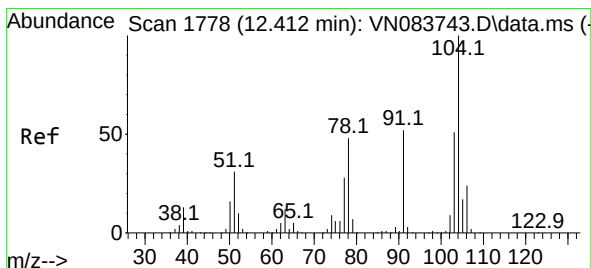
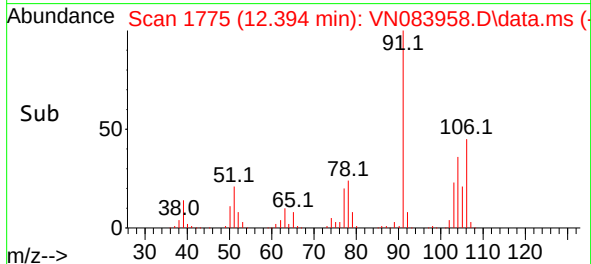
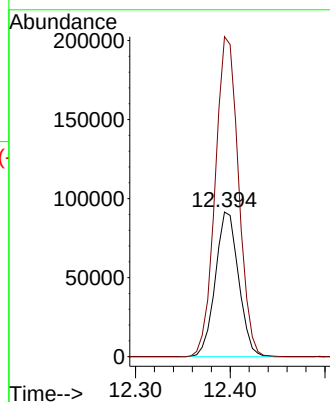
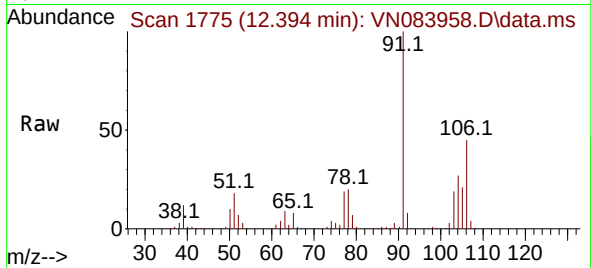




#69  
o-Xylene  
Concen: 52.005 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

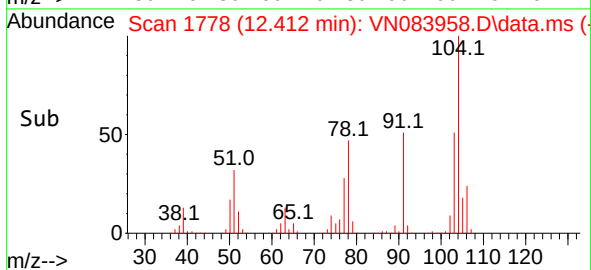
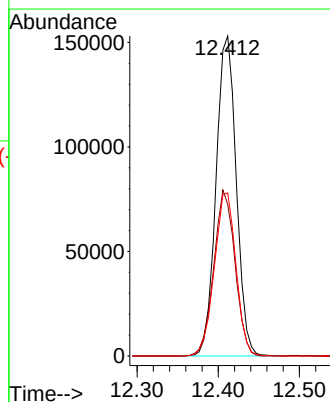
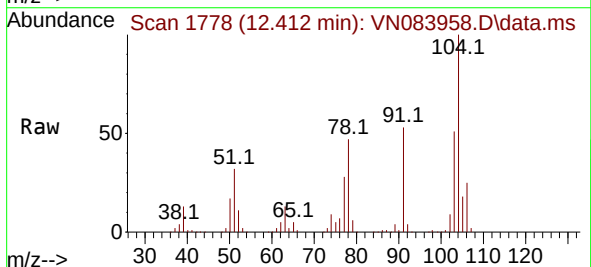
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

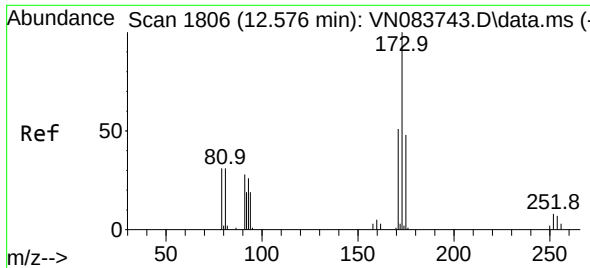
Tgt Ion:106 Resp: 155894  
Ion Ratio Lower Upper  
106 100  
91 222.3 112.9 338.6



#70  
Styrene  
Concen: 53.857 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion:104 Resp: 264958  
Ion Ratio Lower Upper  
104 100  
78 54.4 43.3 64.9  
103 54.5 43.4 65.2

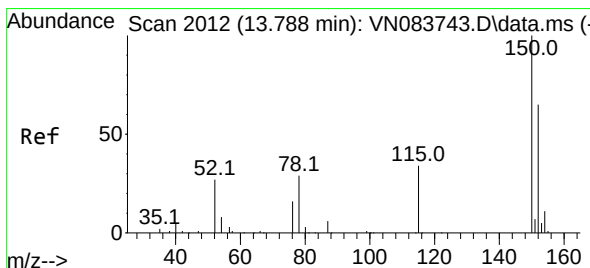
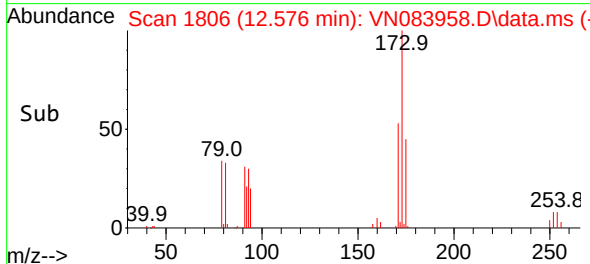
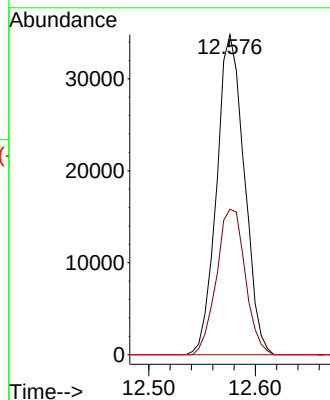
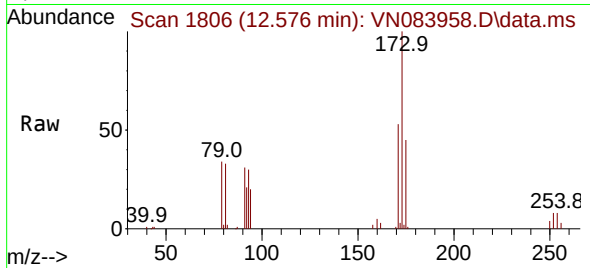




#71  
Bromoform  
Concen: 57.211 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

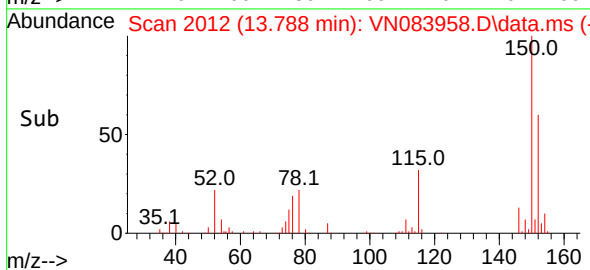
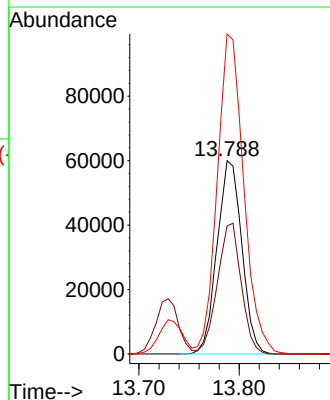
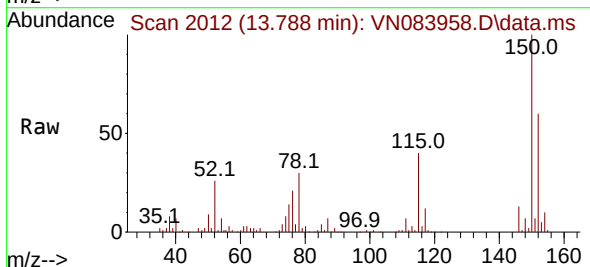
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 62750  
Ion Ratio Lower Upper  
173 100  
175 47.2 24.1 72.2  
254 0.0 0.0 0.0

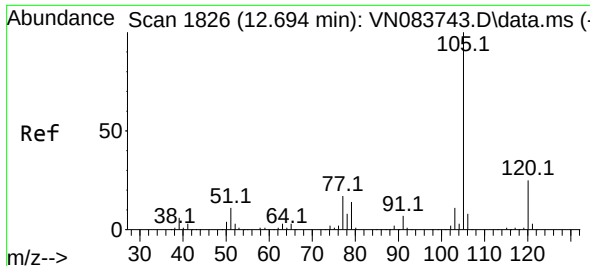


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion:152 Resp: 102996  
Ion Ratio Lower Upper  
152 100  
115 65.1 32.2 96.6  
150 176.7 0.0 348.6



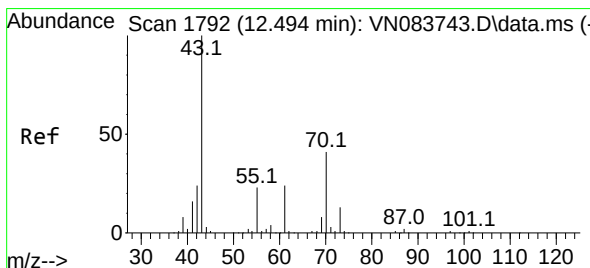
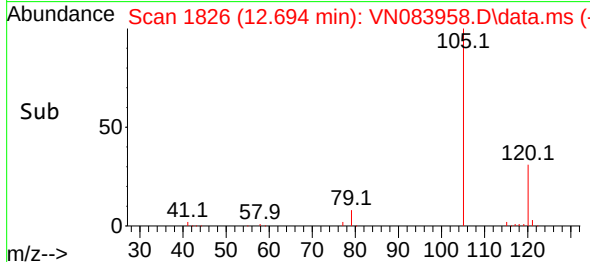
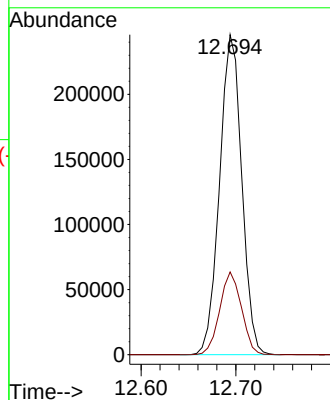
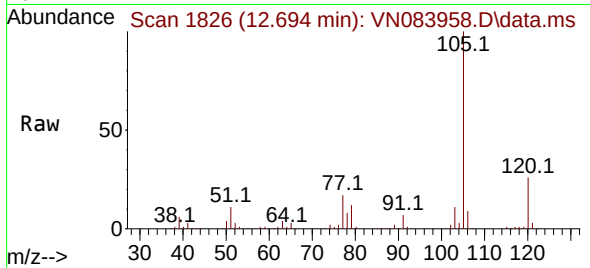




#73  
Isopropylbenzene  
Concen: 50.201 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

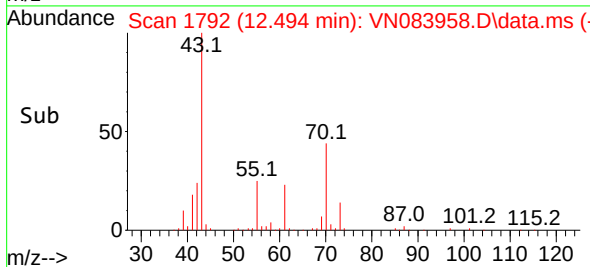
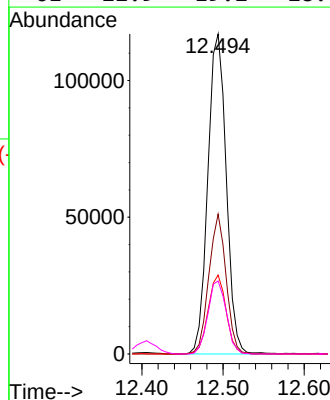
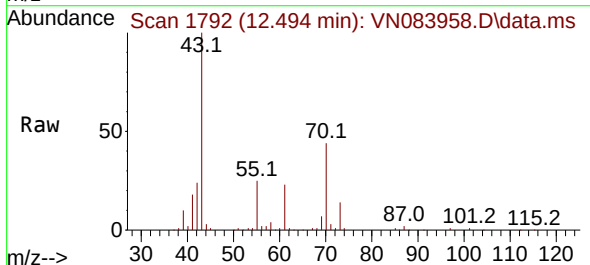
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

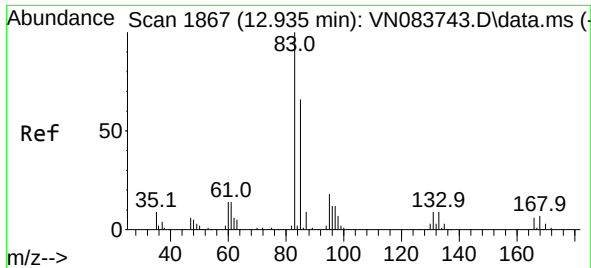
Tgt Ion:105 Resp: 400026  
Ion Ratio Lower Upper  
105 100  
120 25.3 12.6 37.8



#74  
N-ethyl acetate  
Concen: 54.062 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 43 Resp: 183799  
Ion Ratio Lower Upper  
43 100  
70 40.9 34.5 51.7  
55 24.1 18.6 28.0  
61 22.9 19.2 28.8

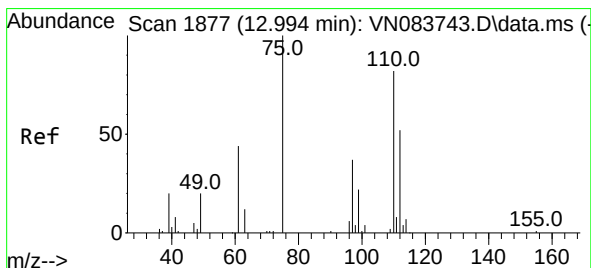
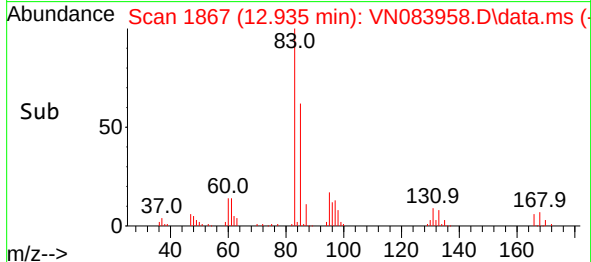
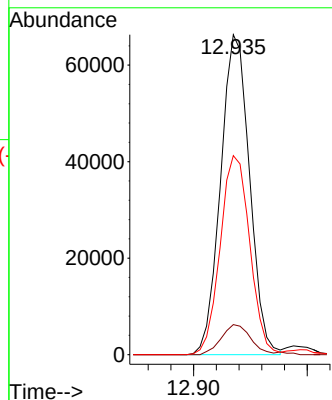
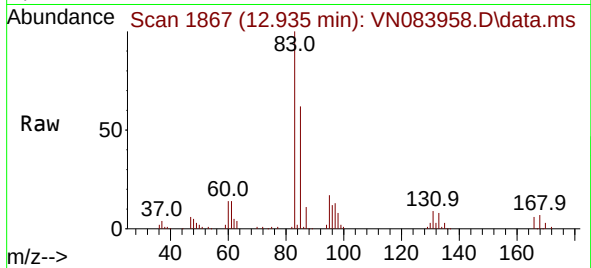




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.158 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

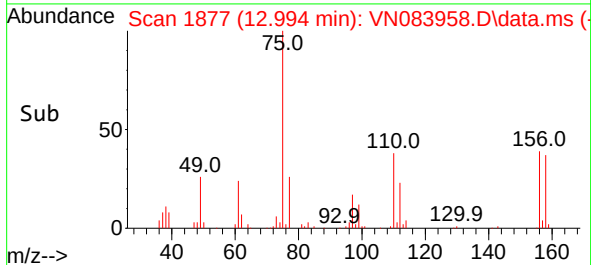
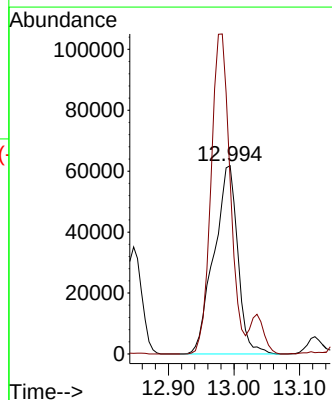
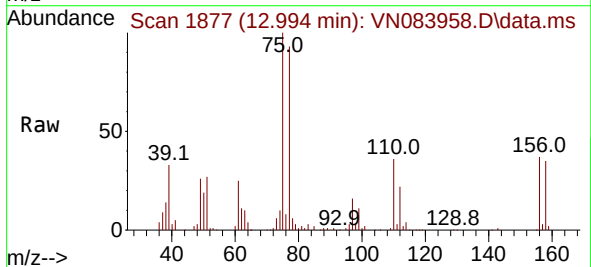
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

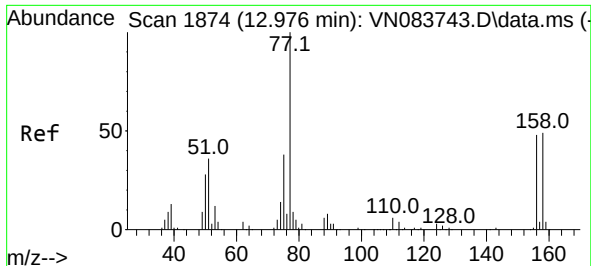
Tgt Ion: 83 Resp: 117433  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.2 15.6  
85 63.5 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 74.820 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 75 Resp: 155495  
Ion Ratio Lower Upper  
75 100  
77 137.0 95.2 285.6

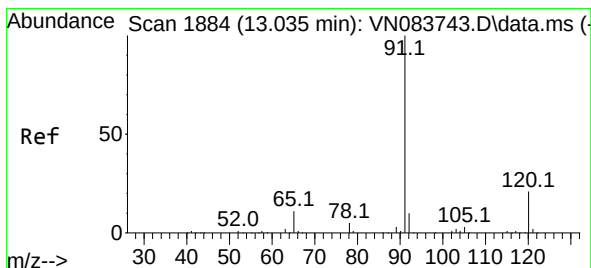
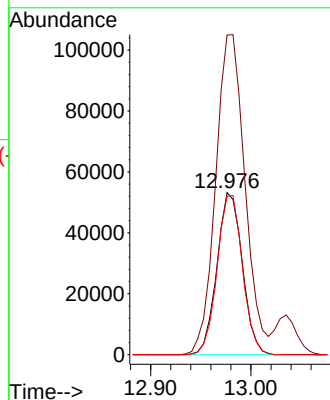
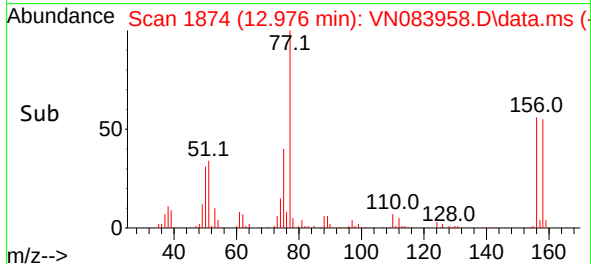
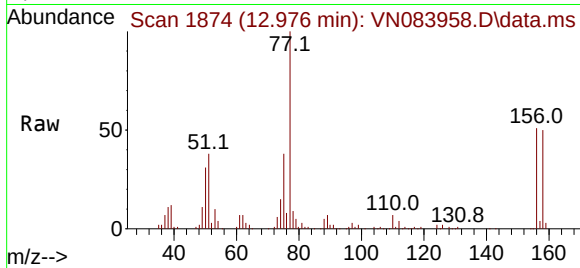




#77  
Bromobenzene  
Concen: 48.703 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

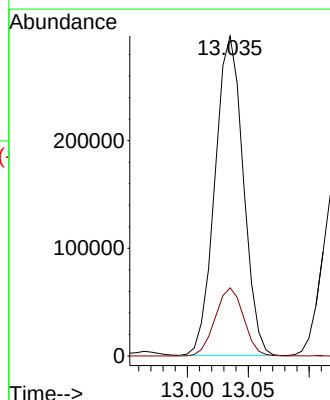
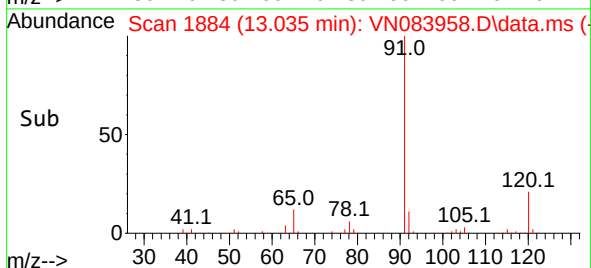
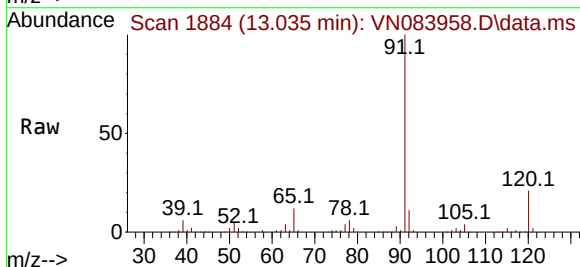
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

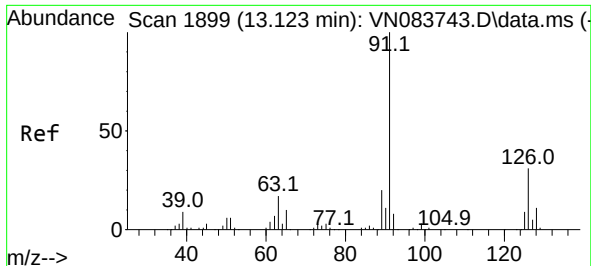
Tgt Ion:156 Resp: 93417  
Ion Ratio Lower Upper  
156 100  
77 228.1 114.3 343.1  
158 98.2 48.9 146.7



#78  
n-propylbenzene  
Concen: 51.727 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 91 Resp: 479582  
Ion Ratio Lower Upper  
91 100  
120 21.4 11.0 33.0

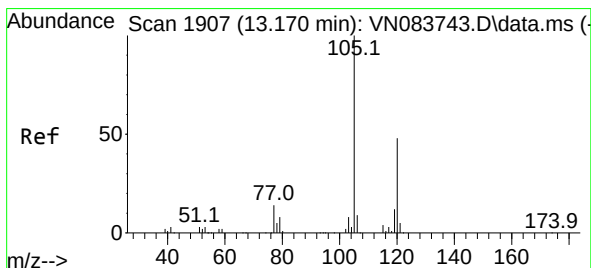
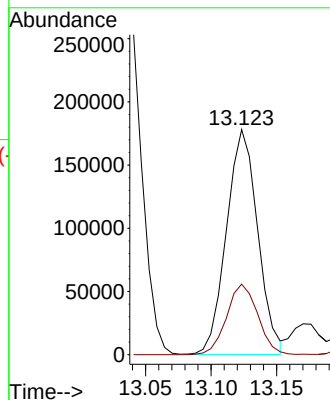
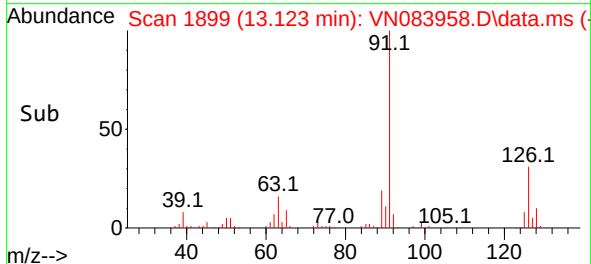
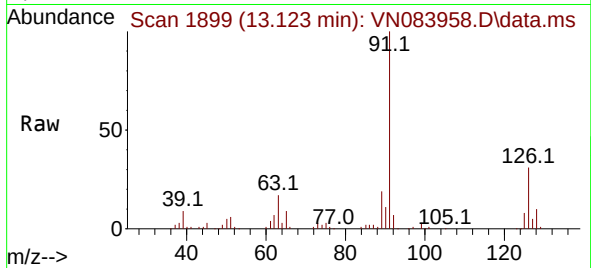




#79  
2-Chlorotoluene  
Concen: 49.845 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

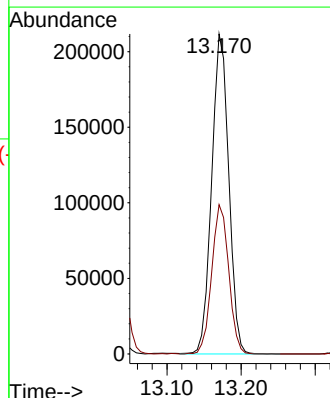
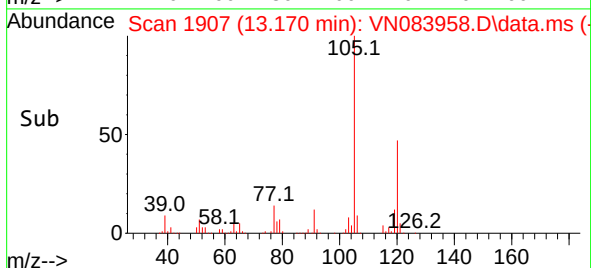
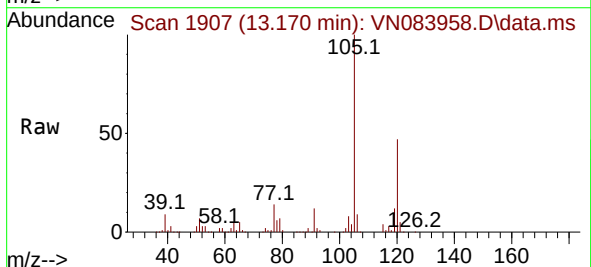
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

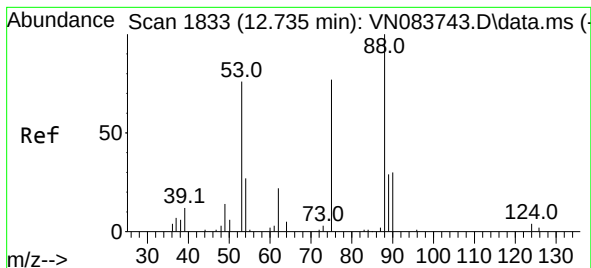
Tgt Ion: 91 Resp: 294725  
Ion Ratio Lower Upper  
91 100  
126 31.3 15.4 46.2



#80  
1,3,5-Trimethylbenzene  
Concen: 50.352 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion:105 Resp: 338269  
Ion Ratio Lower Upper  
105 100  
120 46.5 23.4 70.3

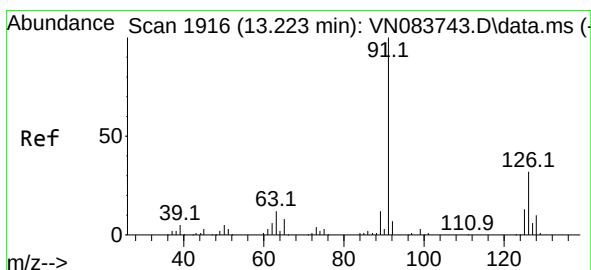
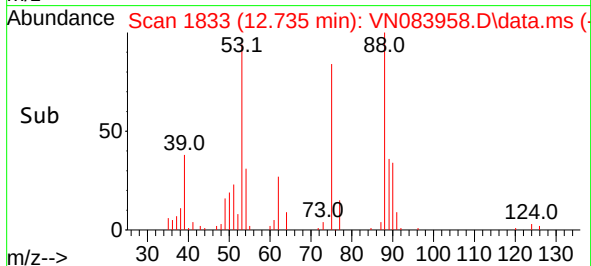
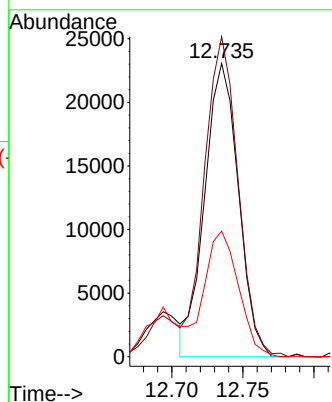
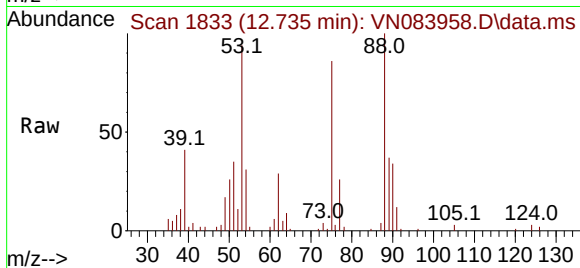




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.122 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

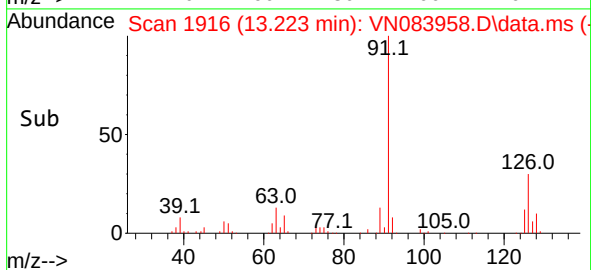
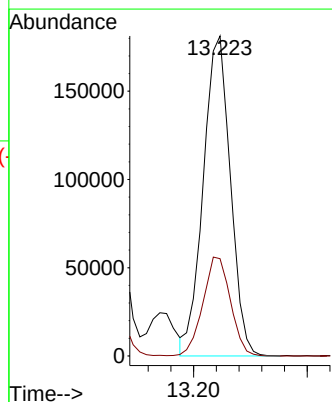
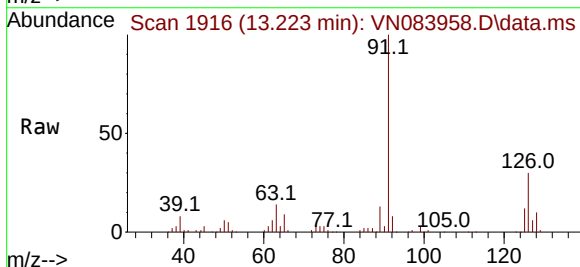
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

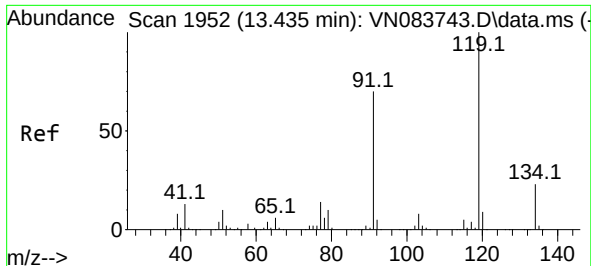
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 38185 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 108.9 | 81.2  | 121.8 |
| 89       | 42.4  | 35.7  | 53.5  |



#82  
4-Chlorotoluene  
Concen: 50.686 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 300752 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.4  | 15.4  | 46.2   |

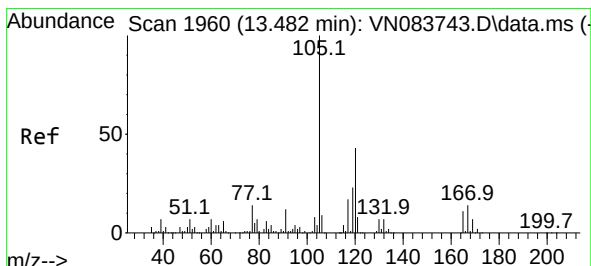
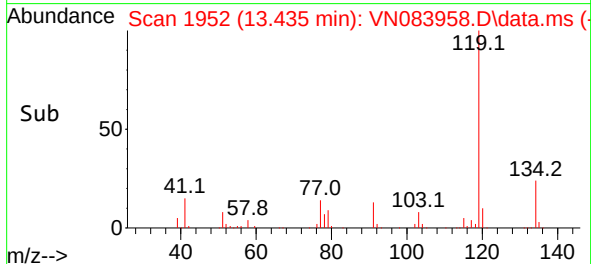
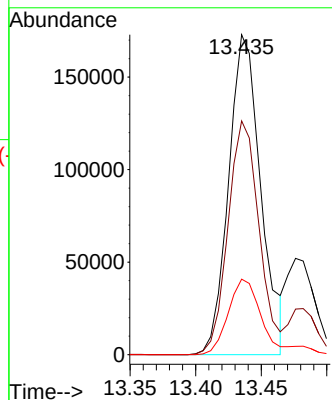
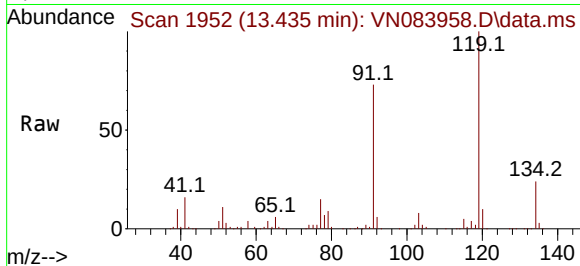




#83  
tert-Butylbenzene  
Concen: 50.235 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

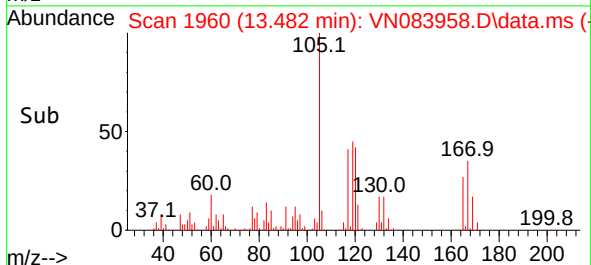
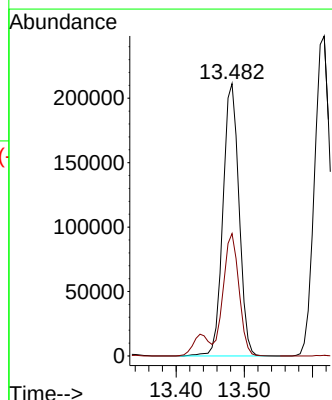
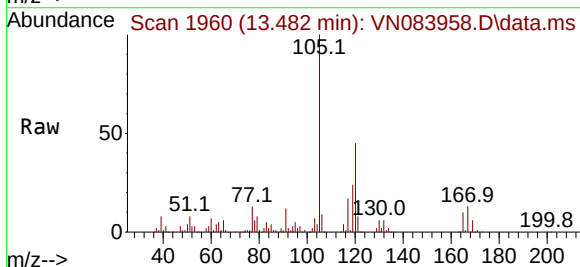
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

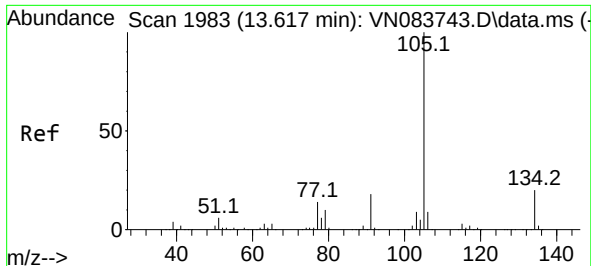
Tgt Ion:119 Resp: 295264  
Ion Ratio Lower Upper  
119 100  
91 70.7 34.5 103.6  
134 25.6 12.8 38.4



#84  
1,2,4-Trimethylbenzene  
Concen: 51.214 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion:105 Resp: 345613  
Ion Ratio Lower Upper  
105 100  
120 44.0 21.8 65.4

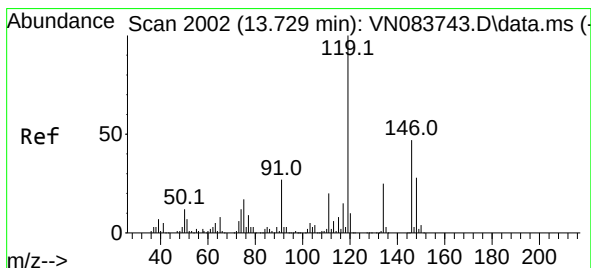
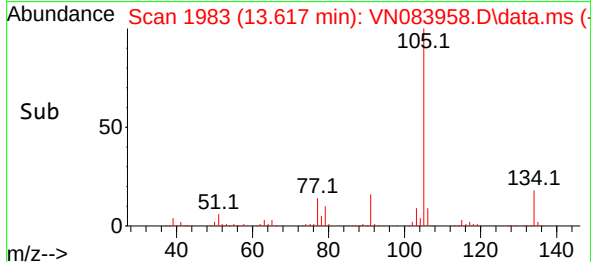
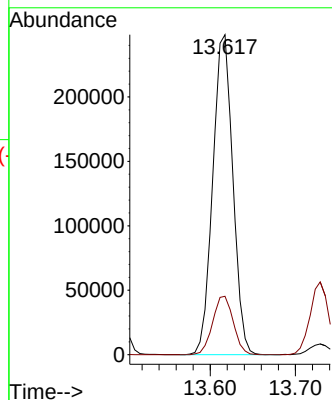
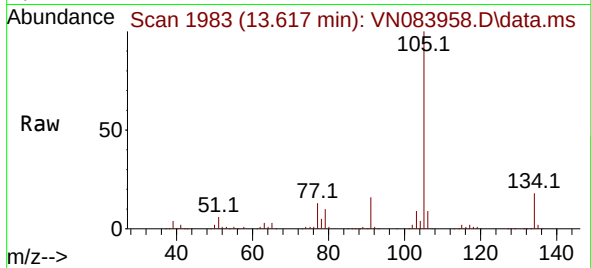




#85  
 sec-Butylbenzene  
 Concen: 52.138 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN083958.D  
 Acq: 18 Sep 2024 03:04

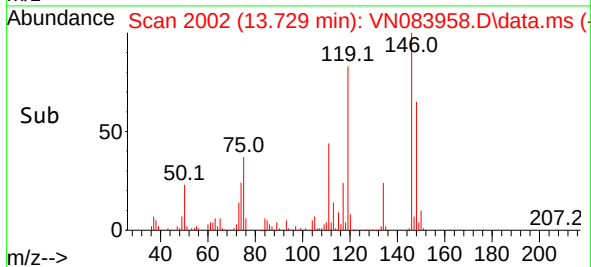
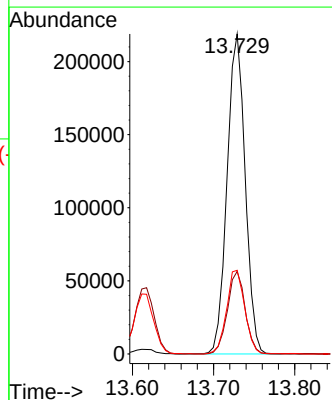
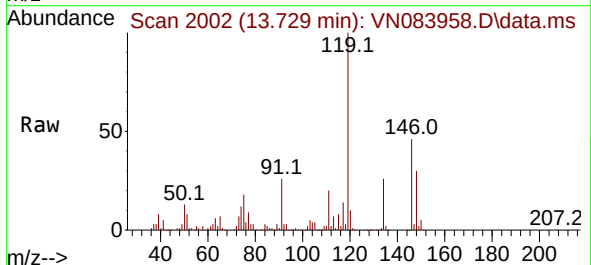
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

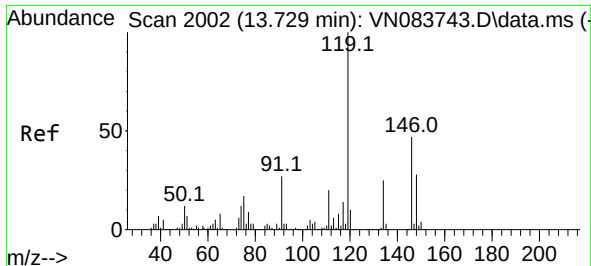
Tgt Ion:105 Resp: 406416  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 51.964 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN083958.D  
 Acq: 18 Sep 2024 03:04

Tgt Ion:119 Resp: 339554  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.8 38.3  
 91 26.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 48.519 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

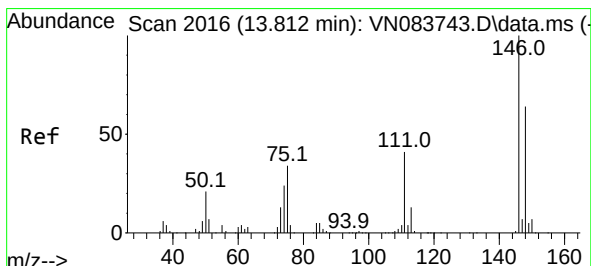
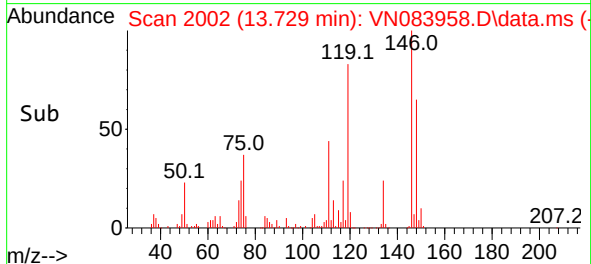
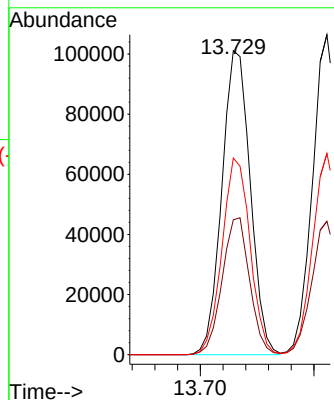
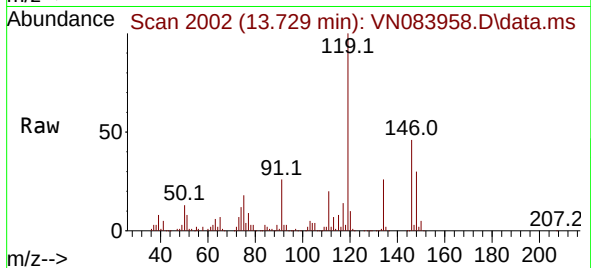
Tgt Ion:146 Resp: 175636

Ion Ratio Lower Upper

146 100

111 43.6 21.7 65.1

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.922 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

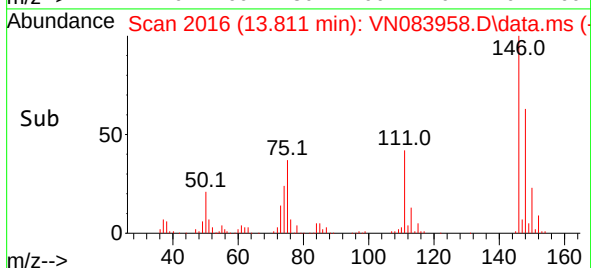
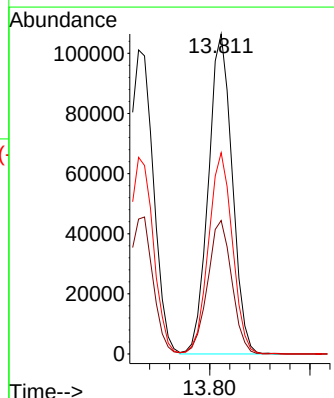
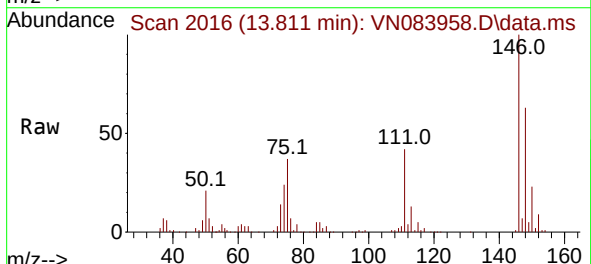
Tgt Ion:146 Resp: 175654

Ion Ratio Lower Upper

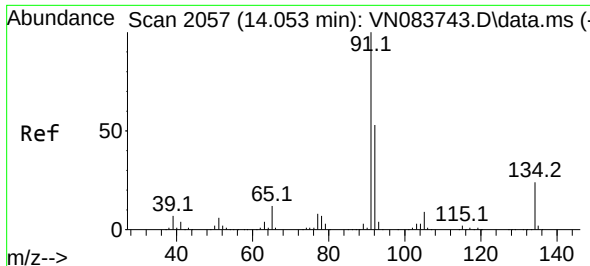
146 100

111 42.4 21.3 64.0

148 63.0 32.0 96.2







#89

n-Butylbenzene

Concen: 50.392 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

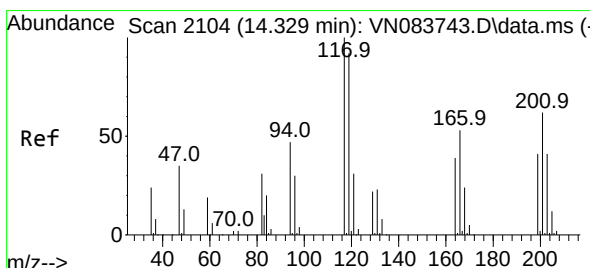
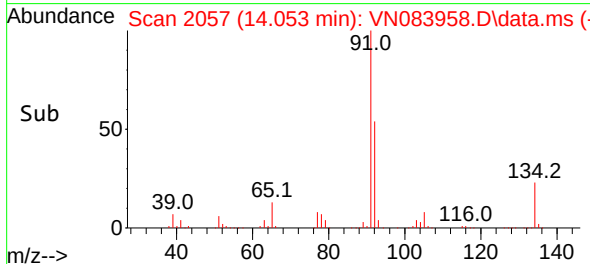
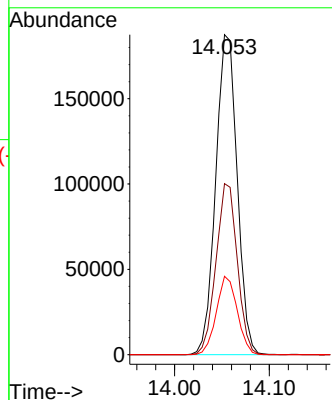
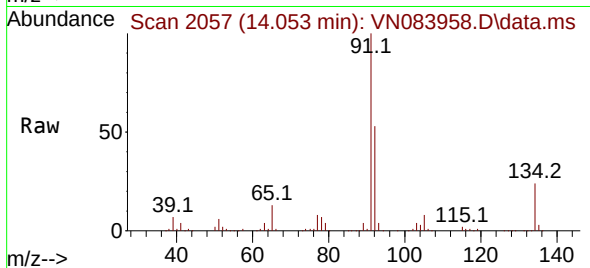
Tgt Ion: 91 Resp: 295638

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.1

134 23.9 12.2 36.4



#90

Hexachloroethane

Concen: 48.344 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN083958.D

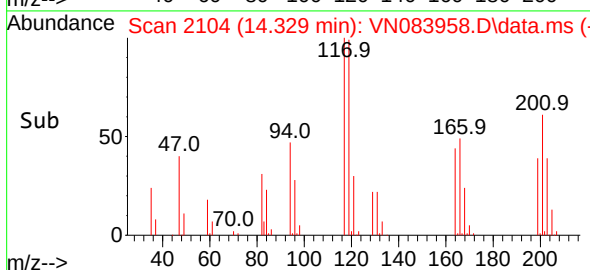
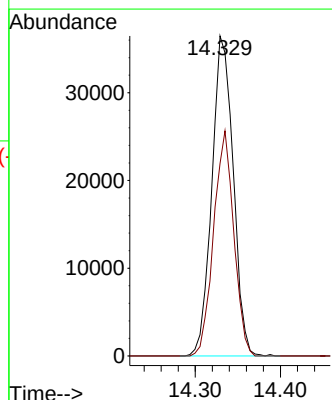
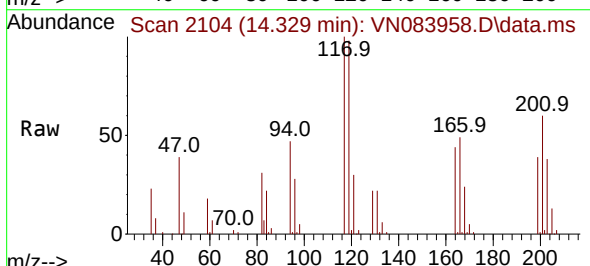
Acq: 18 Sep 2024 03:04

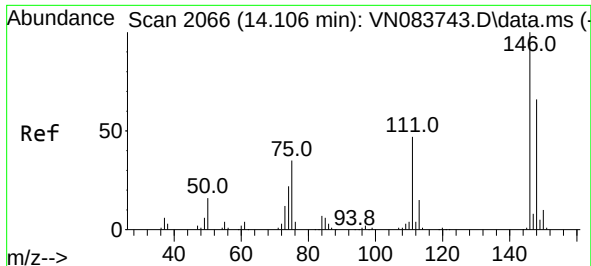
Tgt Ion: 117 Resp: 63501

Ion Ratio Lower Upper

117 100

201 66.4 32.8 98.3

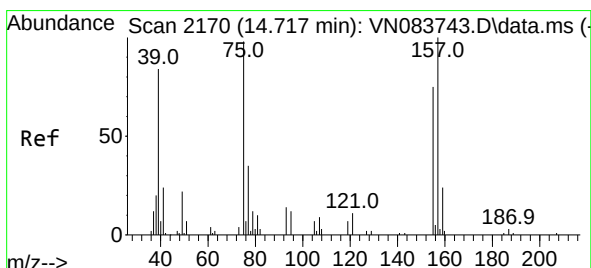
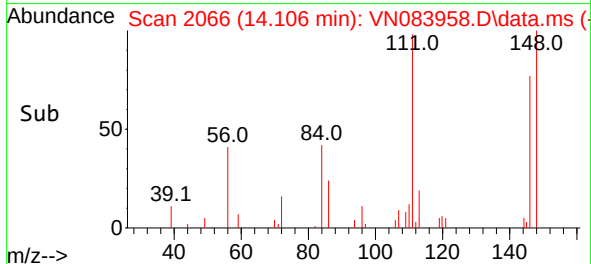
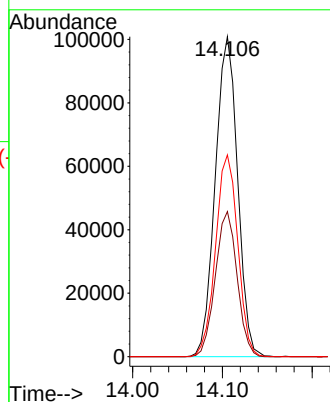
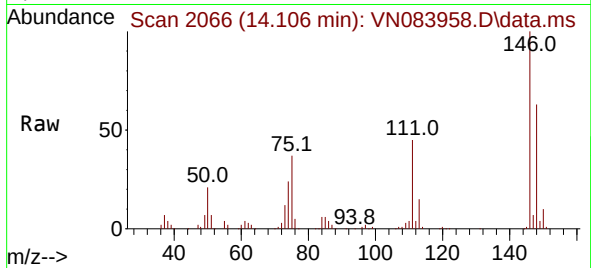




#91  
1,2-Dichlorobenzene  
Concen: 49.943 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

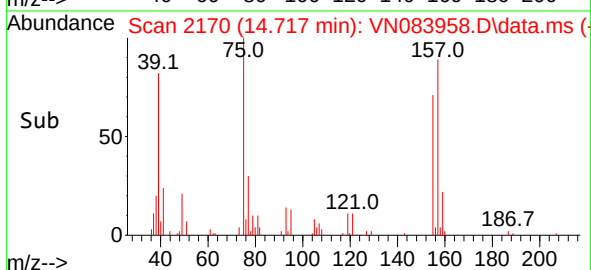
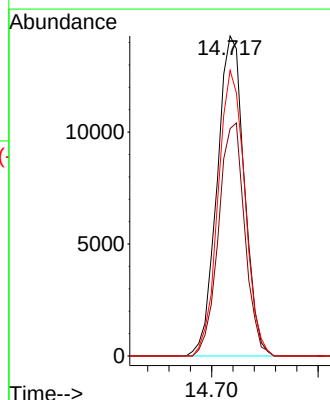
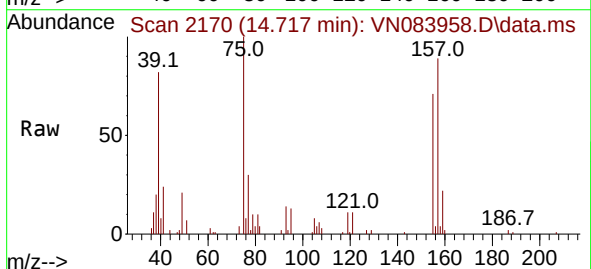
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

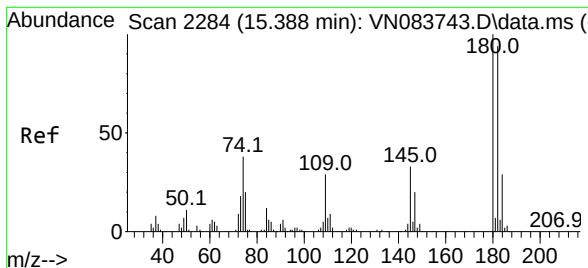
Tgt Ion:146 Resp: 174478  
Ion Ratio Lower Upper  
146 100  
111 44.3 22.8 68.3  
148 62.6 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 54.271 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion: 75 Resp: 25329  
Ion Ratio Lower Upper  
75 100  
155 70.2 35.9 107.7  
157 87.7 47.5 142.5

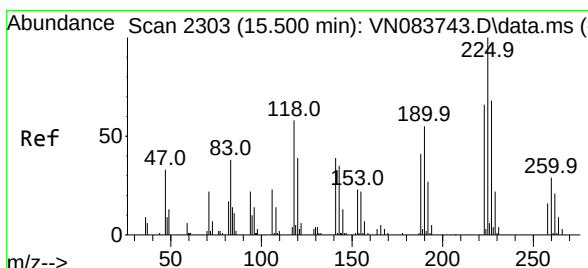
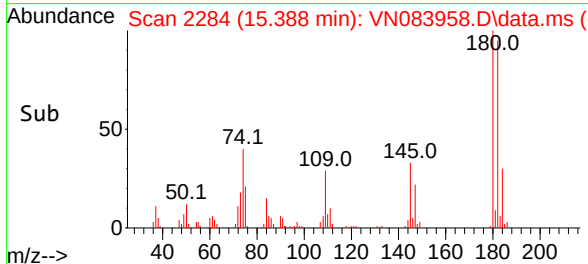
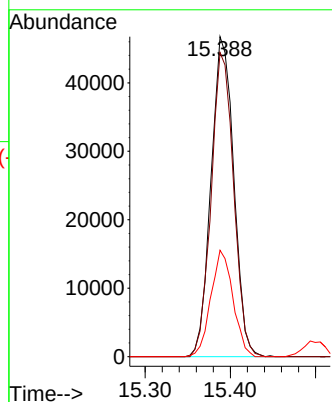
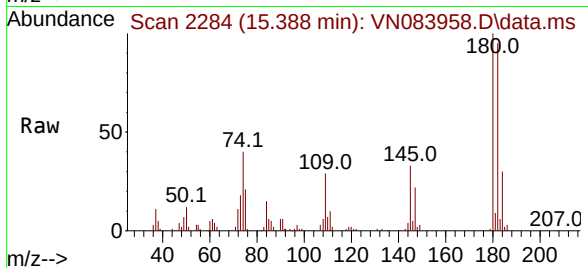




#93  
1,2,4-Trichlorobenzene  
Concen: 46.090 ug/l  
RT: 15.388 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

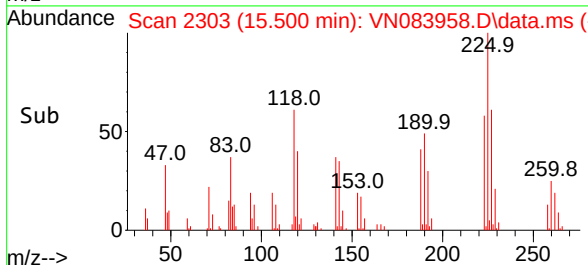
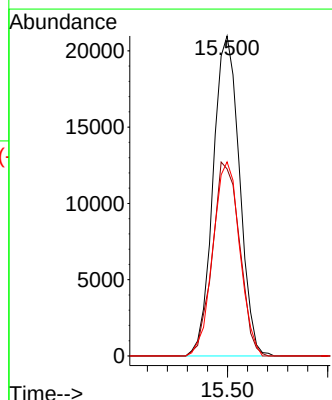
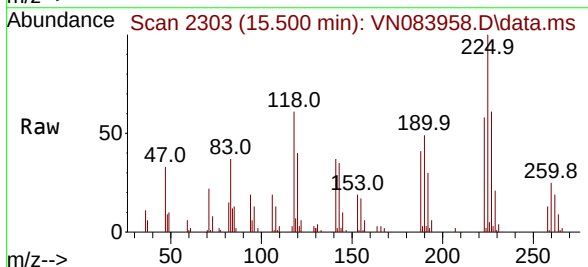
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

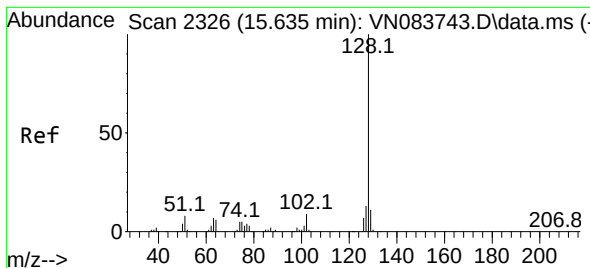
Tgt Ion:180 Resp: 86405  
Ion Ratio Lower Upper  
180 100  
182 94.0 48.1 144.3  
145 32.5 16.9 50.7



#94  
Hexachlorobutadiene  
Concen: 48.070 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. -0.000 min  
Lab File: VN083958.D  
Acq: 18 Sep 2024 03:04

Tgt Ion:225 Resp: 38271  
Ion Ratio Lower Upper  
225 100  
223 62.5 31.9 95.5  
227 61.7 32.0 96.2





#95

Naphthalene

Concen: 49.018 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

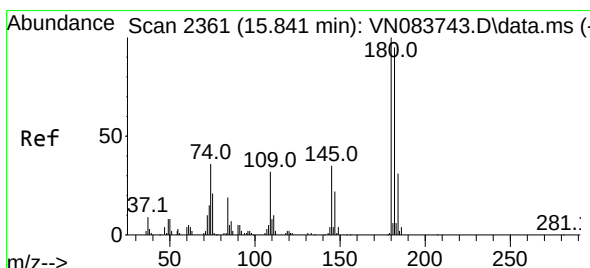
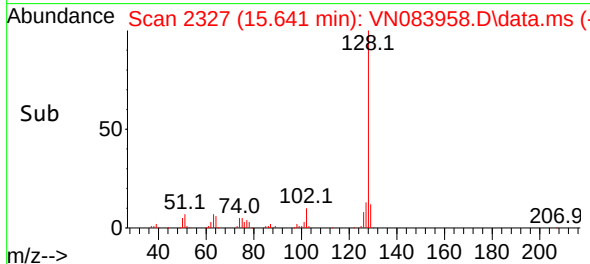
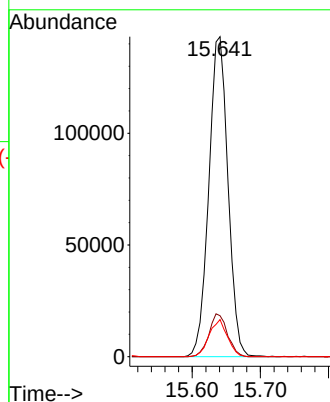
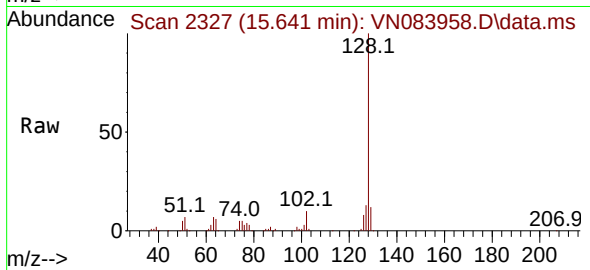
Tgt Ion:128 Resp: 279575

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 46.977 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN083958.D

Acq: 18 Sep 2024 03:04

Tgt Ion:180 Resp: 84167

Ion Ratio Lower Upper

180 100

182 95.6 47.1 141.4

145 36.4 17.8 53.5

