

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR082025\  
 Data File : VR026745.D  
 Acq On : 20 Aug 2025 16:46  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5mL/MSVOA\_R/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Aug 21 08:40:56 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_R\methods\82R082025W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 21 08:23:46 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.385  | 168  | 2540658  | 50.000 | ug/l  | 0.00     |
| 33) 1,4-Difluorobenzene    | 8.389  | 114  | 4021497  | 50.000 | ug/l  | 0.00     |
| 62) Chlorobenzene-d5       | 11.563 | 117  | 3229101  | 50.000 | ug/l  | 0.00     |
| 71) 1,4-Dichlorobenzene-d4 | 13.758 | 152  | 1069664  | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 32) 1,2-Dichloroethane-d4   | 7.770  | 65    | 1606298  | 50.345   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.680% |      |
| 34) Dibromofluoromethane    | 7.292  | 113   | 1341879  | 51.161   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.320% |      |
| 49) Toluene-d8              | 10.074 | 98    | 4395227  | 49.986   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 99.980%  |      |
| 61) 4-Bromofluorobenzene    | 12.692 | 95    | 1331124  | 53.354   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 106.700% |      |

|                              |       |     |          |         |      |     |
|------------------------------|-------|-----|----------|---------|------|-----|
| Target Compounds             |       |     |          | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.814 | 85  | 1195946  | 49.814  | ug/l | 100 |
| 3) Chloromethane             | 1.814 | 50  | 133373   | 46.692  | ug/l | 100 |
| 4) Vinyl Chloride            | 2.119 | 62  | 1815745  | 45.963  | ug/l | 100 |
| 5) Bromomethane              | 2.440 | 94  | 395481   | 32.608  | ug/l | 100 |
| 6) Chloroethane              | 2.558 | 64  | 940645   | 46.059  | ug/l | 100 |
| 7) Trichlorofluoromethane    | 2.860 | 101 | 3400210  | 44.402  | ug/l | 100 |
| 8) Diethyl Ether             | 3.236 | 74  | 1230501  | 50.231  | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 3.537 | 101 | 1527303  | 49.911  | ug/l | 100 |
| 10) Methyl Iodide            | 3.704 | 142 | 1663409  | 51.147  | ug/l | 100 |
| 11) Tert butyl alcohol       | 4.503 | 59  | 1346455  | 274.509 | ug/l | 100 |
| 12) 1,1-Dichloroethene       | 3.511 | 96  | 1713280  | 51.594  | ug/l | 100 |
| 13) Acrolein                 | 3.402 | 56  | 721946   | 244.278 | ug/l | 100 |
| 14) Allyl chloride           | 4.041 | 41  | 3158066  | 51.605  | ug/l | 100 |
| 15) Acrylonitrile            | 4.651 | 53  | 5327967  | 253.981 | ug/l | 100 |
| 16) Acetone                  | 3.601 | 43  | 4005052  | 237.143 | ug/l | 100 |
| 17) Carbon Disulfide         | 3.800 | 76  | 4409259  | 54.673  | ug/l | 100 |
| 18) Methyl Acetate           | 4.057 | 43  | 2440032  | 49.595  | ug/l | 100 |
| 19) Methyl tert-butyl Ether  | 4.718 | 73  | 5568231  | 52.869  | ug/l | 100 |
| 20) Methylene Chloride       | 4.250 | 84  | 1791754  | 49.726  | ug/l | 100 |
| 21) trans-1,2-Dichloroethene | 4.699 | 96  | 1799289  | 51.823  | ug/l | 100 |
| 22) Diisopropyl ether        | 5.613 | 45  | 6376070  | 50.644  | ug/l | 100 |
| 23) Vinyl Acetate            | 5.543 | 43  | 17624591 | 234.969 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 5.482 | 63  | 3162509  | 51.046  | ug/l | 100 |
| 25) 2-Butanone               | 6.493 | 43  | 6543039  | 249.523 | ug/l | 100 |
| 26) 2,2-Dichloropropane      | 6.470 | 77  | 2310783  | 54.444  | ug/l | 100 |
| 27) cis-1,2-Dichloroethene   | 6.476 | 96  | 2054029  | 52.270  | ug/l | 100 |
| 28) Bromochloromethane       | 6.865 | 49  | 869848   | 47.439  | ug/l | 100 |
| 29) Chloroform               | 7.057 | 83  | 2861267  | 51.402  | ug/l | 100 |
| 30) Cyclohexane              | 7.369 | 56  | 3170127  | 48.521  | ug/l | 100 |
| 31) 1,1,1-Trichloroethane    | 7.276 | 97  | 2447847  | 54.156  | ug/l | 100 |
| 35) 1,1-Dichloropropene      | 7.516 | 75  | 2177820  | 53.318  | ug/l | 100 |
| 36) Ethyl Acetate            | 6.598 | 43  | 2723649  | 52.024  | ug/l | 100 |
| 37) Carbon Tetrachloride     | 7.497 | 117 | 2043091  | 55.585  | ug/l | 100 |
| 38) Methylcyclohexane        | 8.941 | 83  | 2653236  | 51.910  | ug/l | 100 |
| 39) Benzene                  | 7.786 | 78  | 6401847  | 51.053  | ug/l | 100 |
| 40) Methacrylonitrile        | 6.839 | 41  | 1376737  | 50.515  | ug/l | 100 |

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 Sample : VSTDICCC050  
 Misc : 5mL/MSVOA\_R/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Aug 21 08:40:56 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_R\methods\82R082025W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 21 08:23:46 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) 1,2-Dichloroethane        | 7.872  | 62   | 1790338  | 51.493   | ug/l   | 100      |
| 42) Isopropyl Acetate         | 7.940  | 43   | 3945706  | 53.261   | ug/l   | 100      |
| 43) Trichloroethene           | 8.662  | 130  | 1383797  | 50.583   | ug/l   | 100      |
| 44) 1,2-Dichloropropane       | 8.973  | 63   | 1540544  | 51.318   | ug/l   | 100      |
| 45) Dibromomethane            | 9.072  | 93   | 1001097  | 52.496   | ug/l   | 100      |
| 46) Bromodichloromethane      | 9.294  | 83   | 1882554  | 53.034   | ug/l   | 100      |
| 47) Methyl methacrylate       | 9.079  | 41   | 1964455  | 54.329   | ug/l   | 100      |
| 48) 1,4-Dioxane               | 9.076  | 88   | 519417   | 1118.223 | ug/l   | 100      |
| 50) 4-Methyl-2-Pentanone      | 9.961  | 43   | 8099504  | 235.285  | ug/l   | 100      |
| 51) Toluene                   | 10.144 | 92   | 3719451  | 51.944   | ug/l   | 100      |
| 52) t-1,3-Dichloropropene     | 10.398 | 75   | 1897286  | 56.433   | ug/l   | 100      |
| 53) cis-1,3-Dichloropropene   | 9.788  | 75   | 2225355  | 54.560   | ug/l   | 100      |
| 54) 1,1,2-Trichloroethane     | 10.603 | 97   | 1297387  | 51.047   | ug/l   | 100      |
| 55) Ethyl methacrylate        | 10.462 | 69   | 2386522  | 54.591   | ug/l   | 100      |
| 56) 1,3-Dichloropropane       | 10.764 | 76   | 2231373  | 52.088   | ug/l   | 100      |
| 57) 2-Chloroethyl Vinyl ether | 9.628  | 63   | 747814   | 252.763  | ug/l   | 100      |
| 58) 2-Hexanone                | 10.828 | 43   | 6393187  | 255.388  | ug/l   | 100      |
| 59) Dibromochloromethane      | 10.985 | 129  | 1279106  | 53.505   | ug/l   | 100      |
| 60) 1,2-Dibromoethane         | 11.101 | 107  | 1201003  | 52.285   | ug/l   | 100      |
| 63) Tetrachloroethene         | 10.683 | 164  | 1123328  | 49.511   | ug/l   | 100      |
| 64) Chlorobenzene             | 11.591 | 112  | 3666192  | 51.020   | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.678 | 131  | 1282061  | 53.139   | ug/l   | 100      |
| 66) Ethyl Benzene             | 11.685 | 91   | 5921827  | 49.289   | ug/l   | 100      |
| 67) m/p-Xylenes               | 11.810 | 106  | 5297864  | 105.380  | ug/l   | 100      |
| 68) o-Xylene                  | 12.179 | 106  | 2697739  | 52.957   | ug/l   | 100      |
| 69) Styrene                   | 12.195 | 104  | 4149366  | 55.352   | ug/l   | 100      |
| 70) Bromoform                 | 12.378 | 173  | 737164   | 56.664   | ug/l # | 100      |
| 72) Isopropylbenzene          | 12.522 | 105  | 5423852  | 46.713   | ug/l   | 100      |
| 73) N-amyl acetate            | 12.317 | 43   | 2507956  | 59.828   | ug/l   | 100      |
| 74) 1,1,2,2-Tetrachloroethane | 12.804 | 83   | 1708055  | 51.389   | ug/l   | 100      |
| 75) 1,2,3-Trichloropropane    | 12.865 | 75   | 2047507  | 85.047   | ug/l # | 100      |
| 76) Bromobenzene              | 12.833 | 156  | 1286570  | 50.622   | ug/l   | 100      |
| 77) n-propylbenzene           | 12.910 | 91   | 5853511  | 47.024   | ug/l   | 100      |
| 78) 2-Chlorotoluene           | 13.003 | 91   | 3783934  | 51.473   | ug/l   | 100      |
| 79) 1,3,5-Trimethylbenzene    | 13.068 | 105  | 4368837  | 50.387   | ug/l   | 100      |
| 80) trans-1,4-Dichloro-2-b... | 12.573 | 75   | 509569   | 48.645   | ug/l   | 100      |
| 81) 4-Chlorotoluene           | 13.116 | 91   | 3592592  | 53.337   | ug/l   | 100      |
| 82) tert-Butylbenzene         | 13.366 | 119  | 4033039  | 49.753   | ug/l   | 100      |
| 83) 1,2,4-Trimethylbenzene    | 13.414 | 105  | 4208057  | 53.225   | ug/l   | 100      |
| 84) sec-Butylbenzene          | 13.565 | 105  | 5137828  | 49.276   | ug/l   | 100      |
| 85) p-Isopropyltoluene        | 13.697 | 119  | 4275106  | 52.766   | ug/l   | 100      |
| 86) 1,3-Dichlorobenzene       | 13.693 | 146  | 1953494  | 51.756   | ug/l   | 100      |
| 87) 1,4-Dichlorobenzene       | 13.780 | 146  | 1849442  | 50.859   | ug/l   | 100      |
| 88) n-Butylbenzene            | 14.066 | 91   | 2977365  | 51.432   | ug/l   | 100      |
| 89) Hexachloroethane          | 14.367 | 117  | 717145   | 54.571   | ug/l   | 100      |
| 90) 1,2-Dichlorobenzene       | 14.110 | 146  | 1505545  | 47.497   | ug/l   | 100      |
| 91) 1,2-Dibromo-3-Chloropr... | 14.804 | 75   | 163690   | 49.652   | ug/l   | 100      |
| 92) 1,2,4-Trichlorobenzene    | 15.571 | 180  | 1009116  | 48.454   | ug/l   | 100      |
| 93) Hexachlorobutadiene       | 15.696 | 225  | 322121   | 46.926   | ug/l   | 100      |
| 94) Naphthalene               | 15.853 | 128  | 3079405  | 51.712   | ug/l   | 100      |
| 95) 1,2,3-Trichlorobenzene    | 16.078 | 180  | 974853   | 48.241   | ug/l   | 100      |

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Sample : VSTDICCC050  
Misc : 5mL/MSVOA\_R/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

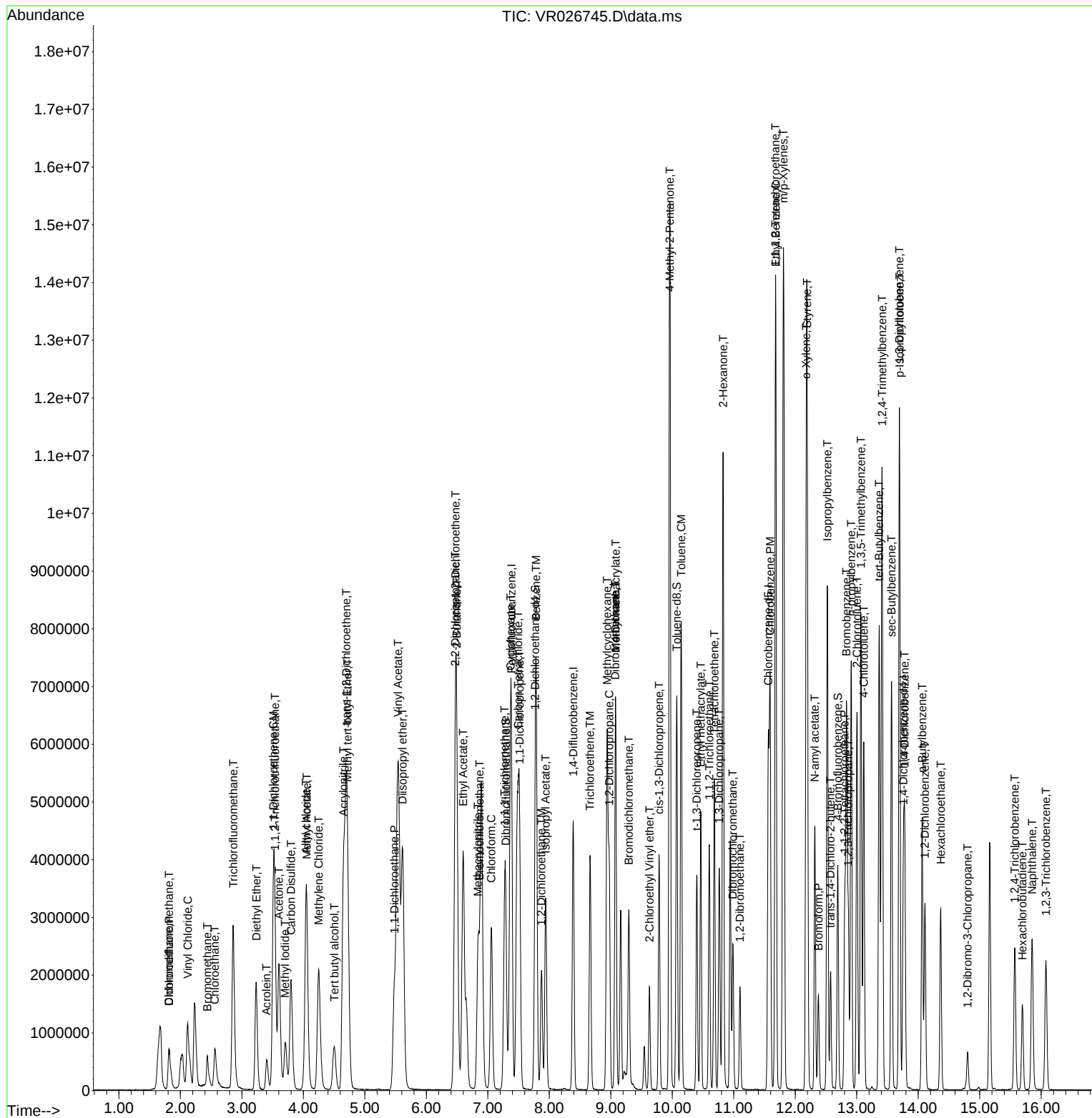
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_R\methods\82R082025W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 21 08:23:46 2025  
Response via : Initial Calibration

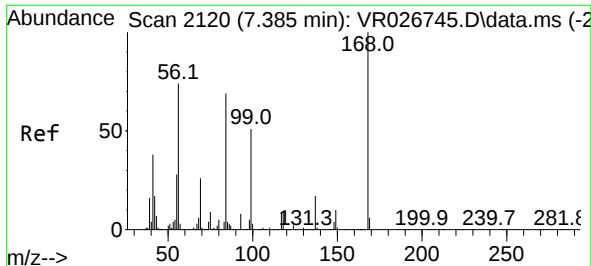
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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Sample : VSTDICCC050  
Misc : 5mL/MSVOA\_R/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

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Quant Title : SW846 8260  
QLast Update : Thu Aug 21 08:23:46 2025  
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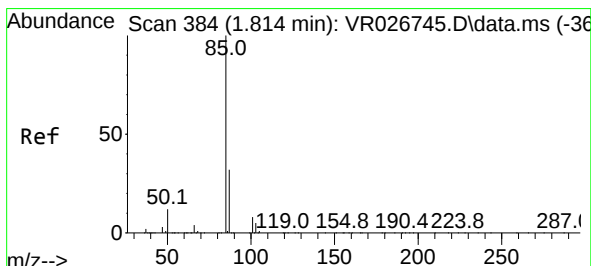
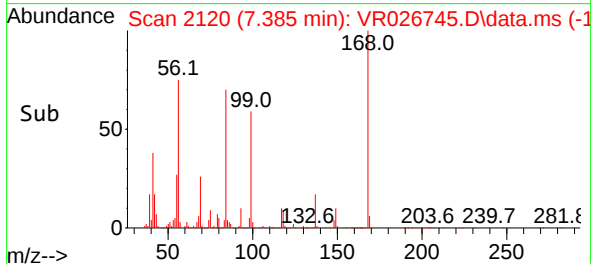
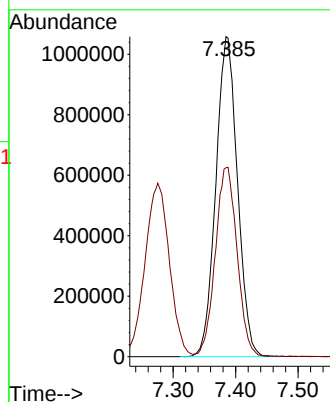
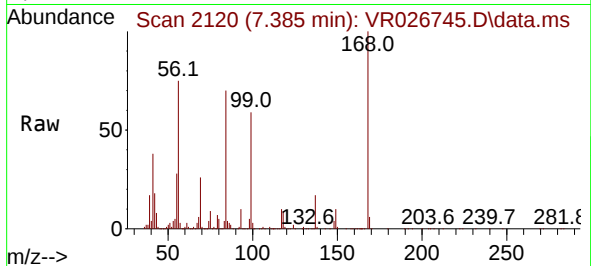




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.385 min Scan# 2120  
Delta R.T. -0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

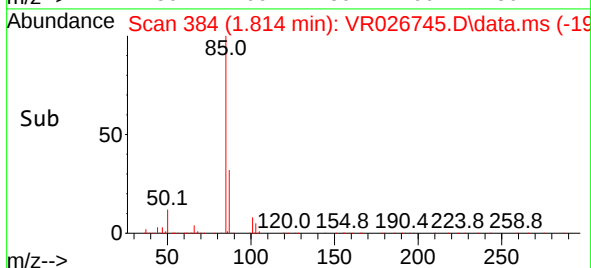
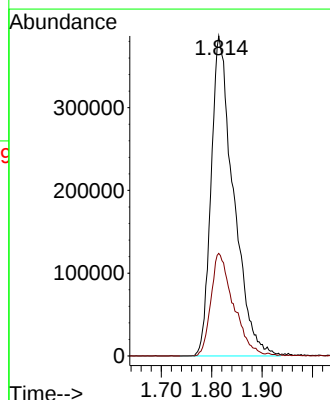
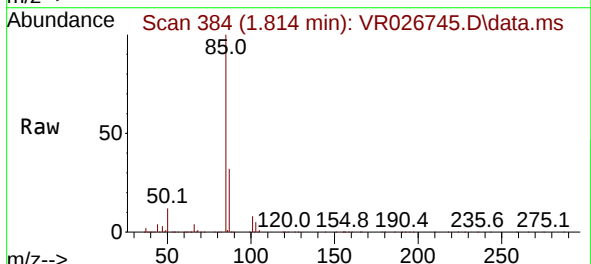
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

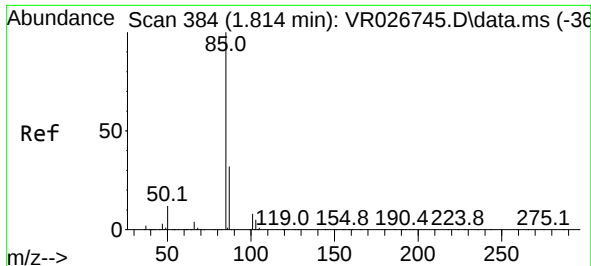
Tgt Ion:168 Resp: 2540658  
Ion Ratio Lower Upper  
168 100  
99 58.9 47.1 70.7



#2  
Dichlorodifluoromethane  
Concen: 49.814 ug/l  
RT: 1.814 min Scan# 384  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 85 Resp: 1195946  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.1 48.2

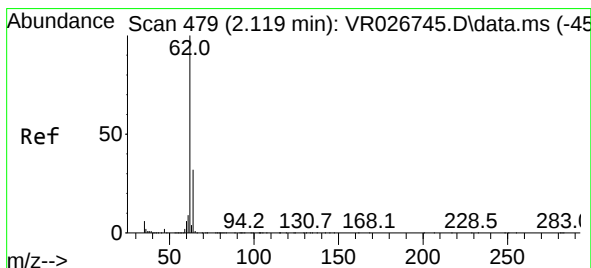
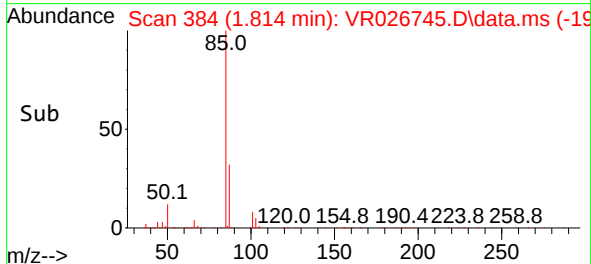
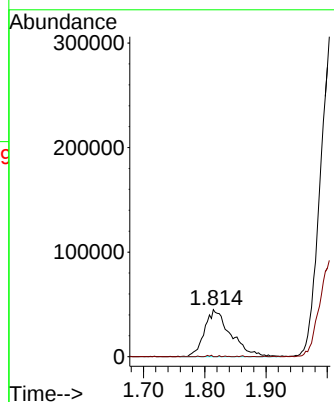
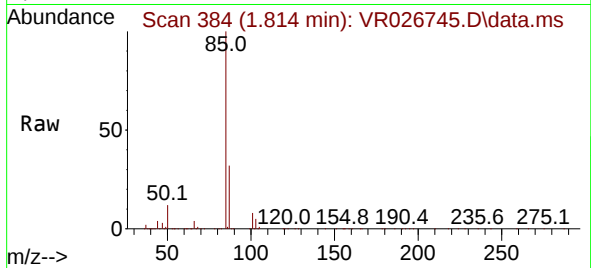




#3  
Chloromethane  
Concen: 46.692 ug/l  
RT: 1.814 min Scan# 384  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

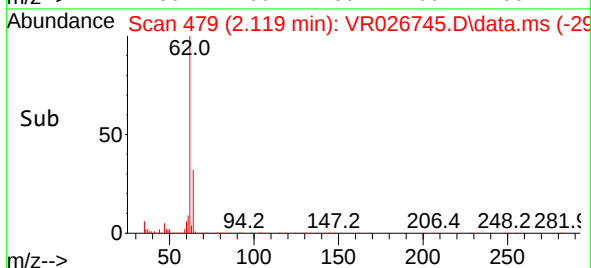
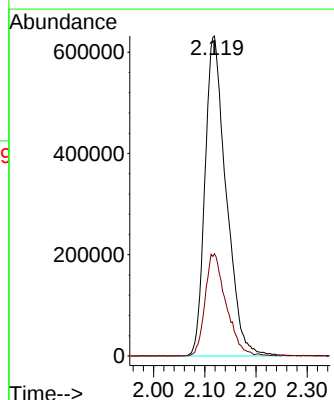
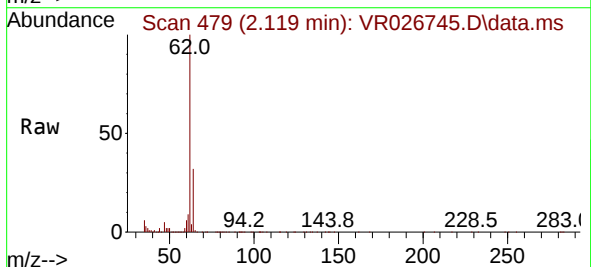
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

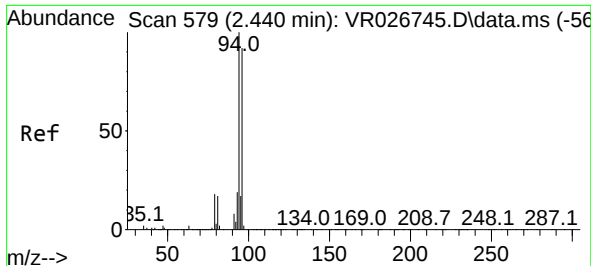
Tgt Ion: 50 Resp: 133373  
Ion Ratio Lower Upper  
50 100  
52 0.8 0.6 1.0



#4  
Vinyl Chloride  
Concen: 45.963 ug/l  
RT: 2.119 min Scan# 479  
Delta R.T. -0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 62 Resp: 1815745  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.5 38.3

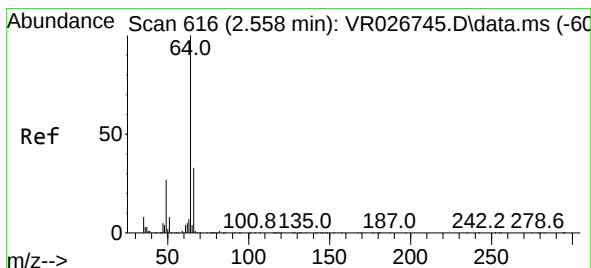
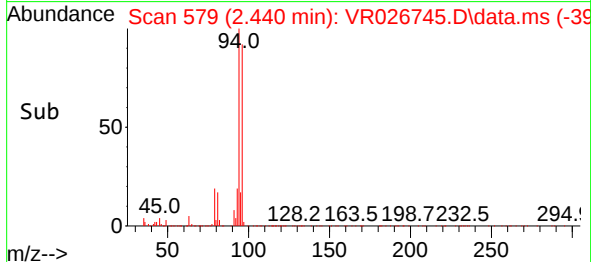
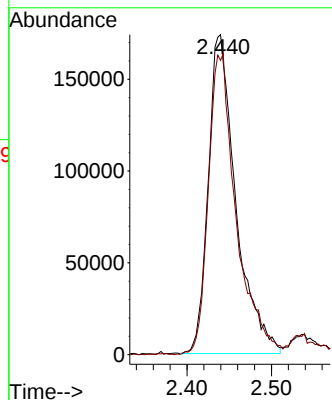
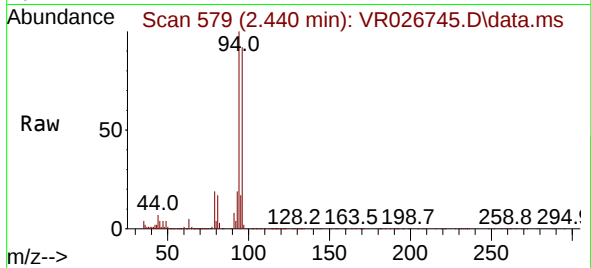




#5  
Bromomethane  
Concen: 32.608 ug/l  
RT: 2.440 min Scan# 579  
Delta R.T. -0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

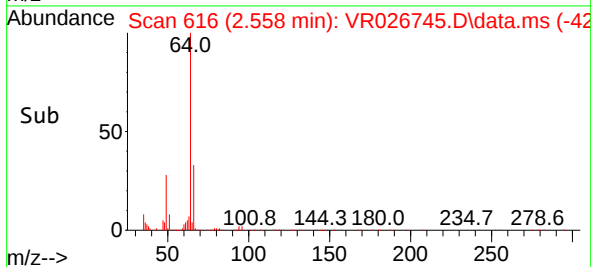
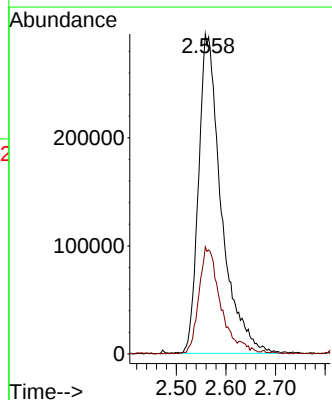
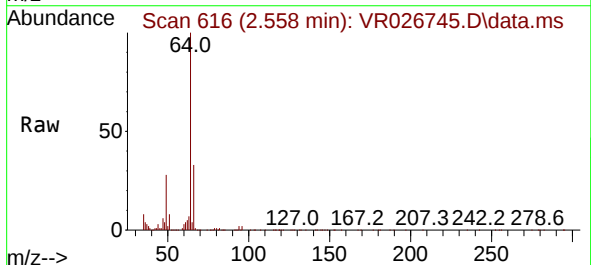
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

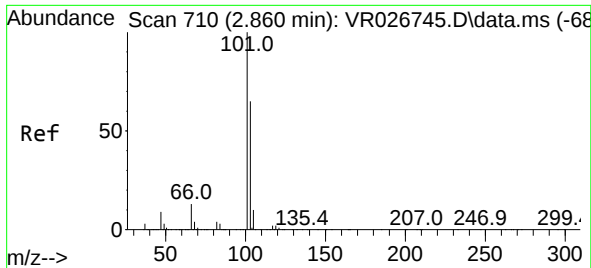
Tgt Ion: 94 Resp: 395481  
Ion Ratio Lower Upper  
94 100  
96 92.2 73.8 110.6



#6  
Chloroethane  
Concen: 46.059 ug/l  
RT: 2.558 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 64 Resp: 940645  
Ion Ratio Lower Upper  
64 100  
66 33.3 26.6 40.0

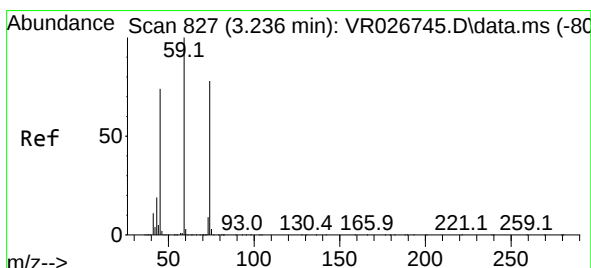
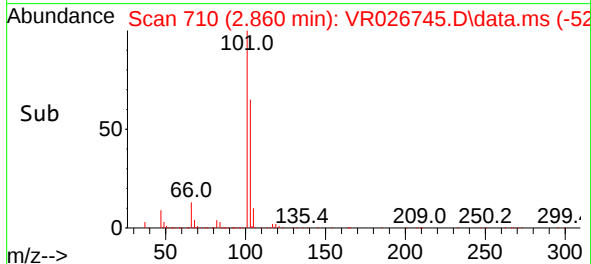
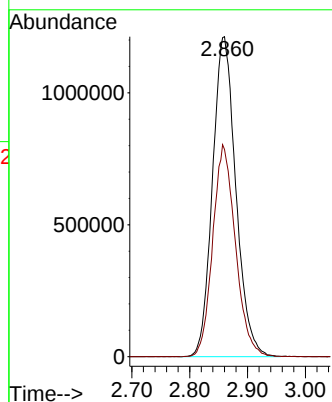
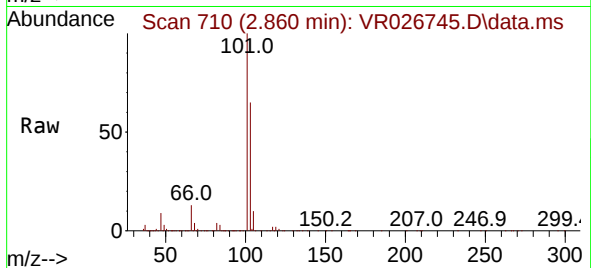




#7  
 Trichlorofluoromethane  
 Concen: 44.402 ug/l  
 RT: 2.860 min Scan# 710  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

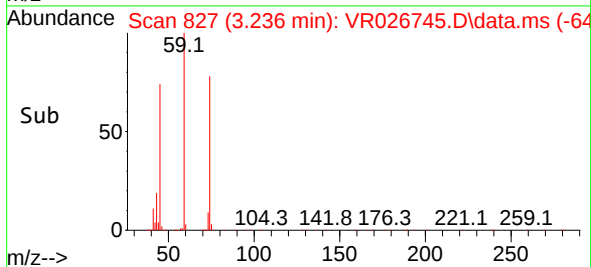
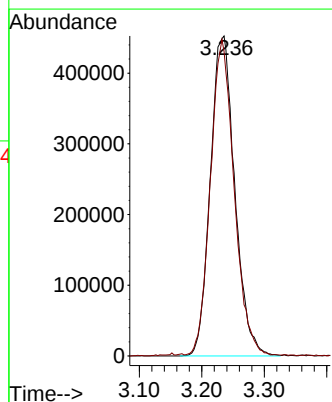
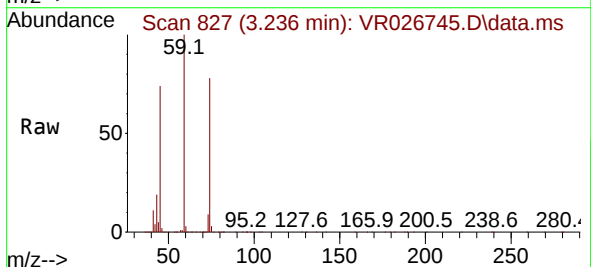
Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

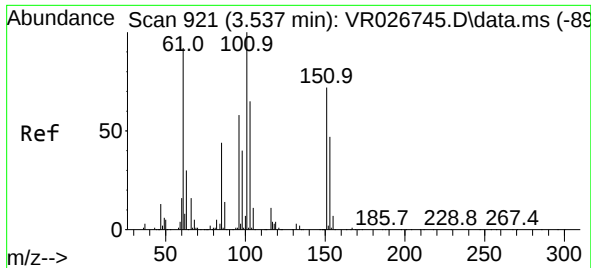
Tgt Ion:101 Resp: 3400210  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 51.8 77.8



#8  
 Diethyl Ether  
 Concen: 50.231 ug/l  
 RT: 3.236 min Scan# 827  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

Tgt Ion: 74 Resp: 1230501  
 Ion Ratio Lower Upper  
 74 100  
 45 95.1 47.5 142.6

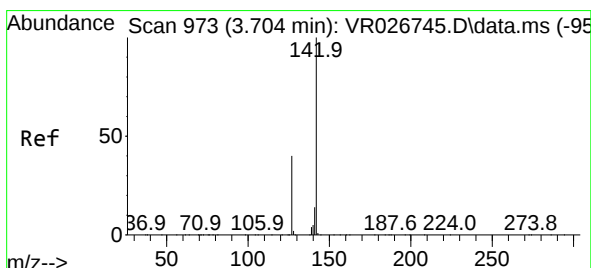
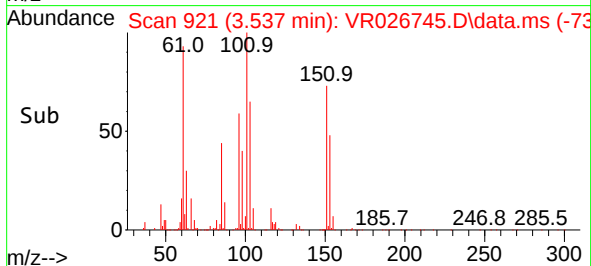
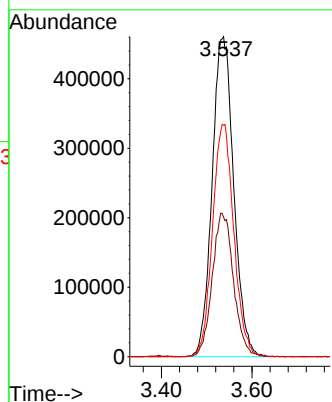
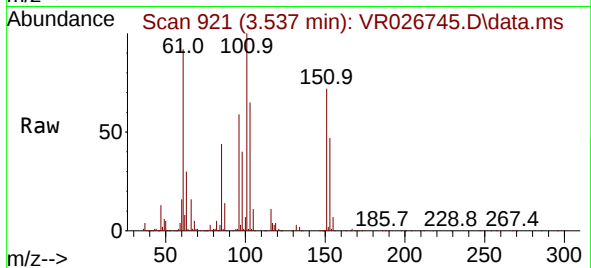




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.911 ug/l  
RT: 3.537 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

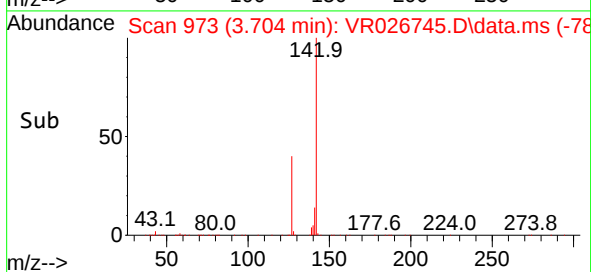
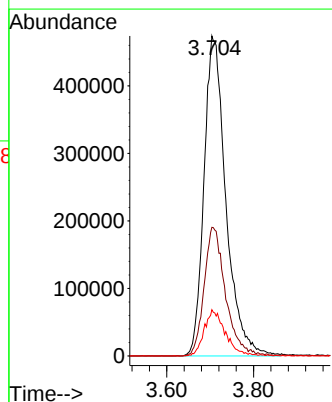
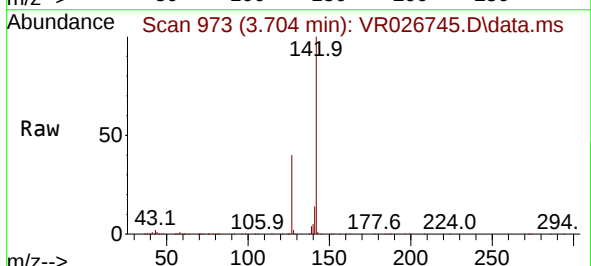
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

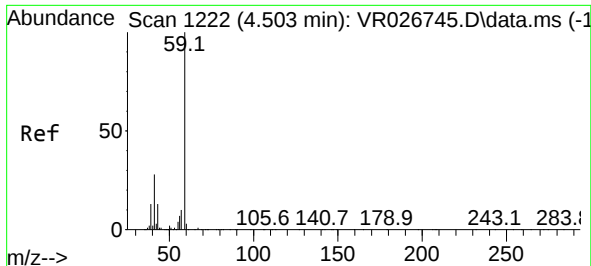
Tgt Ion:101 Resp: 1527303  
Ion Ratio Lower Upper  
101 100  
85 44.2 35.4 53.0  
151 71.5 57.2 85.8



#10  
Methyl Iodide  
Concen: 51.147 ug/l  
RT: 3.704 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion:142 Resp: 1663409  
Ion Ratio Lower Upper  
142 100  
127 38.7 31.0 46.4  
141 13.6 10.9 16.3

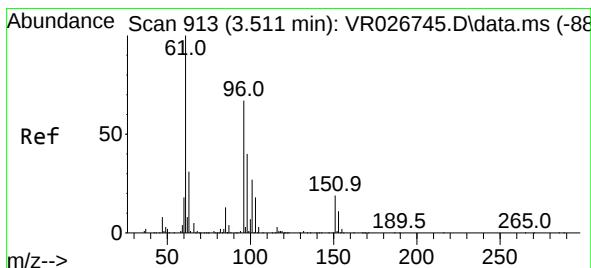
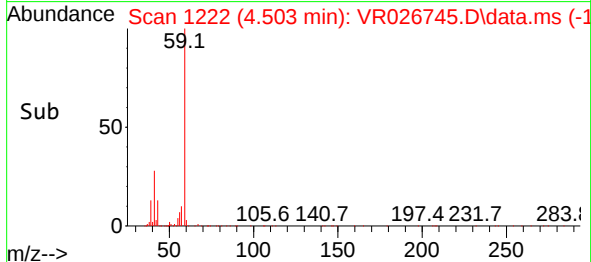
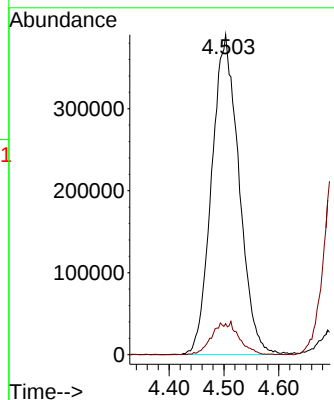
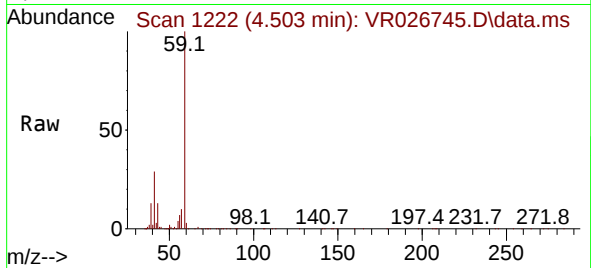




#11  
Tert butyl alcohol  
Concen: 274.509 ug/l  
RT: 4.503 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

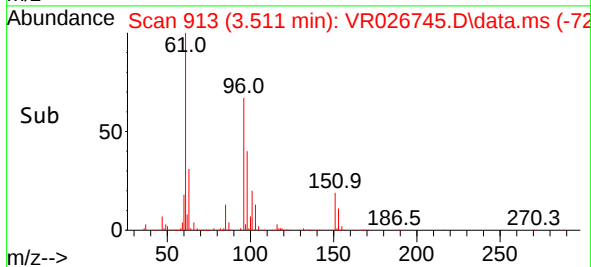
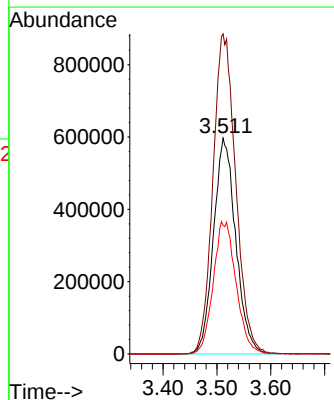
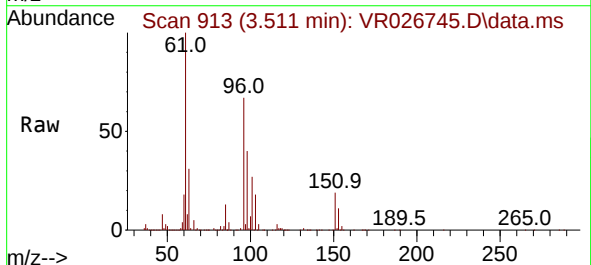
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

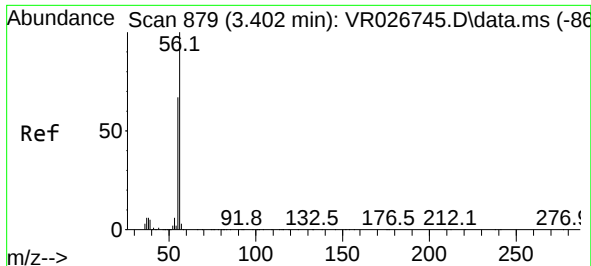
Tgt Ion: 59 Resp: 1346455  
Ion Ratio Lower Upper  
59 100  
57 4.8 3.8 5.8



#12  
1,1-Dichloroethene  
Concen: 51.594 ug/l  
RT: 3.511 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 96 Resp: 1713280  
Ion Ratio Lower Upper  
96 100  
61 148.4 118.7 178.1  
98 59.6 47.7 71.5

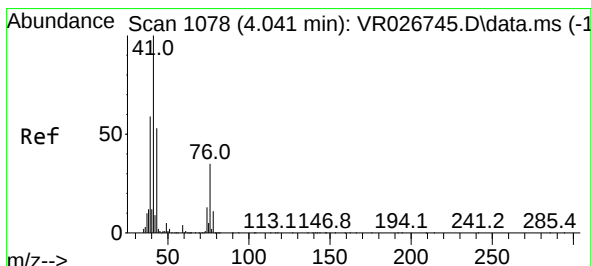
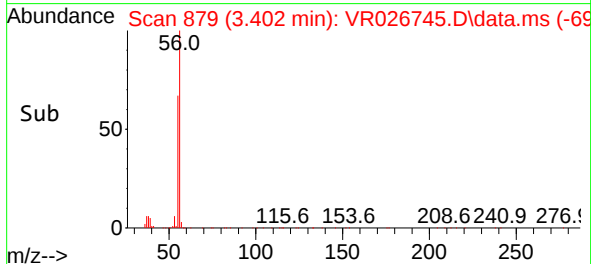
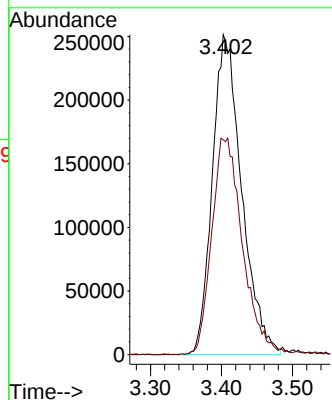
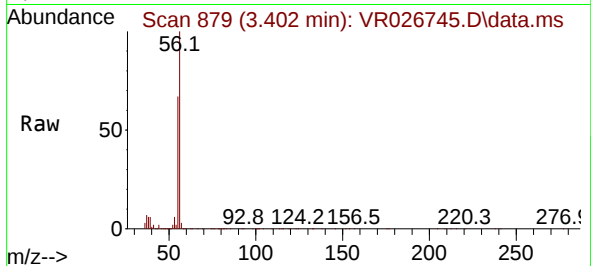




#13  
Acrolein  
Concen: 244.278 ug/l  
RT: 3.402 min Scan# 879  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

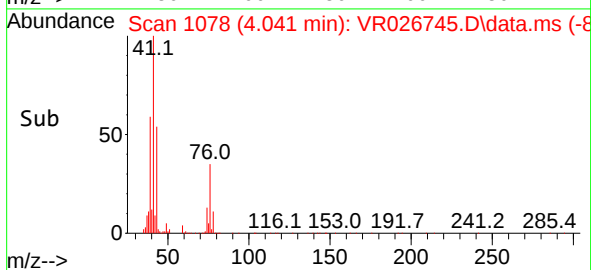
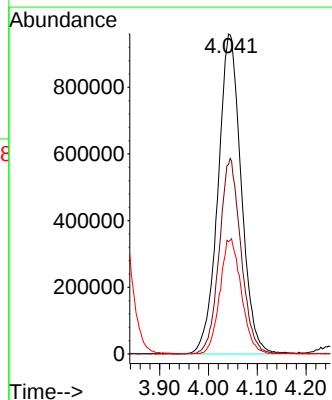
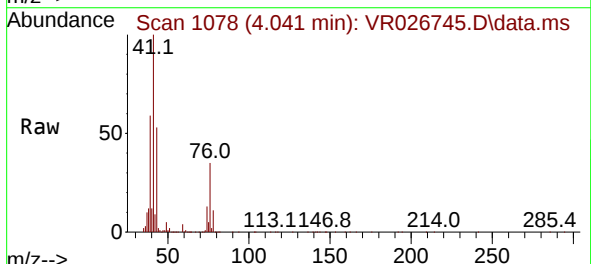
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

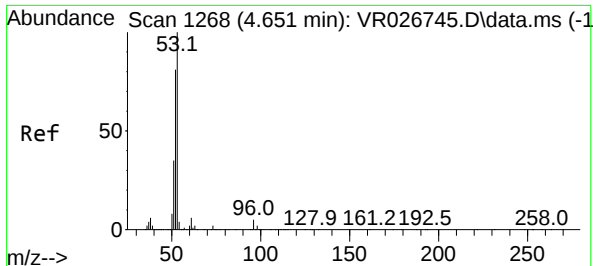
Tgt Ion: 56 Resp: 721946  
Ion Ratio Lower Upper  
56 100  
55 71.1 56.9 85.3



#14  
Allyl chloride  
Concen: 51.605 ug/l  
RT: 4.041 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 41 Resp: 3158066  
Ion Ratio Lower Upper  
41 100  
39 57.2 45.8 68.6  
76 33.0 26.4 39.6

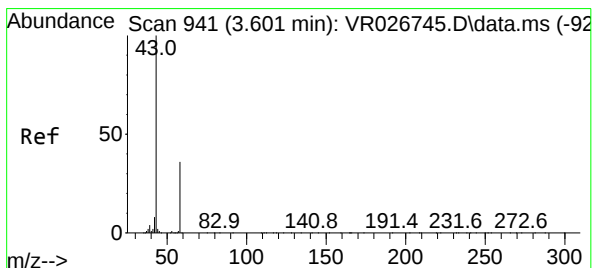
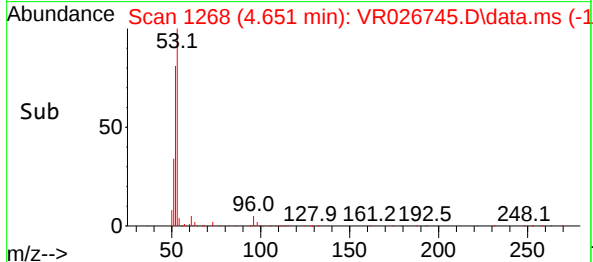
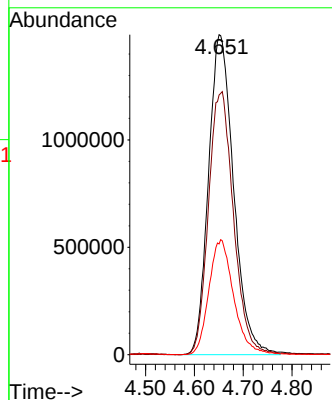
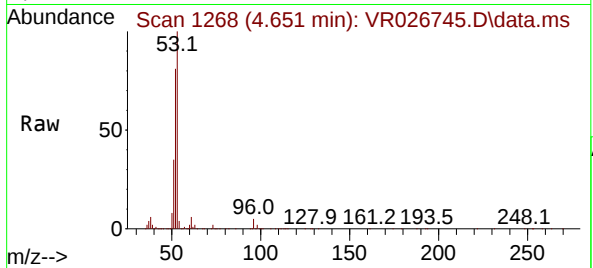




#15  
Acrylonitrile  
Concen: 253.981 ug/l  
RT: 4.651 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

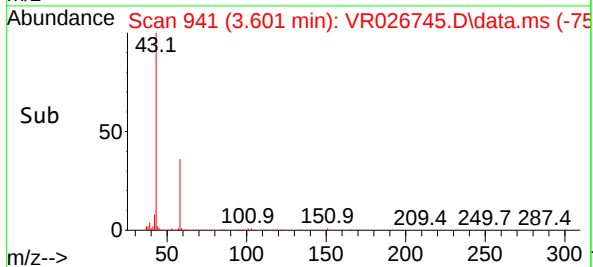
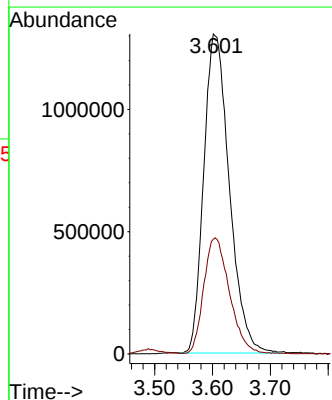
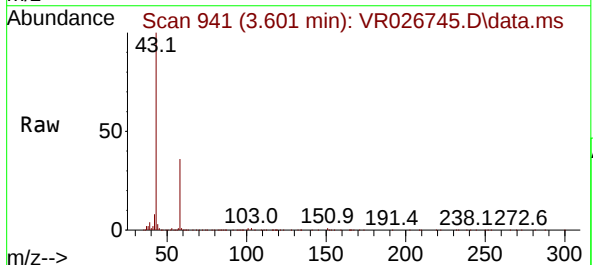
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

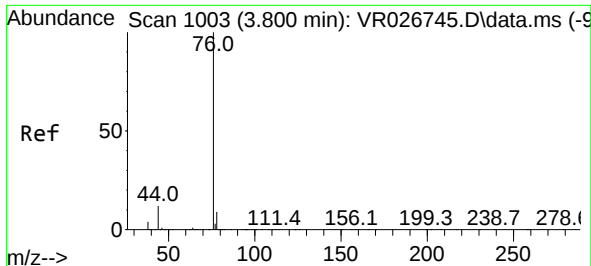
Tgt Ion: 53 Resp: 5327967  
Ion Ratio Lower Upper  
53 100  
52 82.1 65.7 98.5  
51 35.5 28.4 42.6



#16  
Acetone  
Concen: 237.143 ug/l  
RT: 3.601 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 43 Resp: 4005052  
Ion Ratio Lower Upper  
43 100  
58 35.8 28.6 43.0

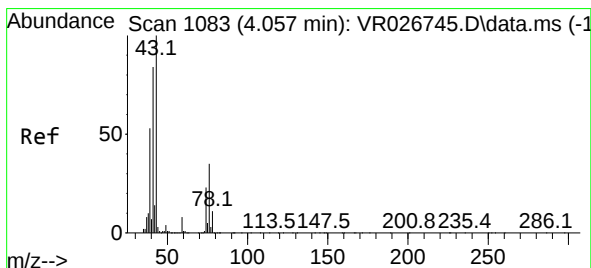
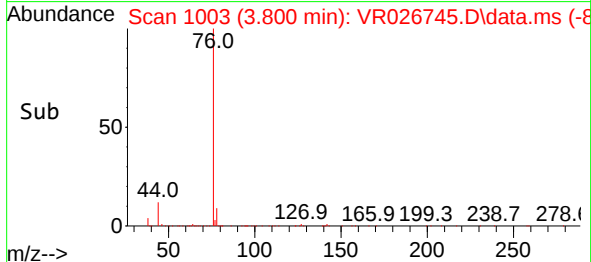
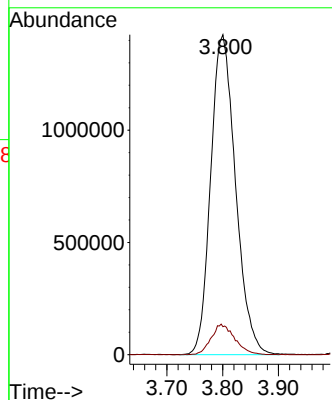
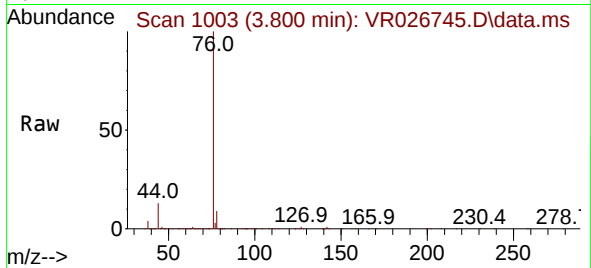




#17  
Carbon Disulfide  
Concen: 54.673 ug/l  
RT: 3.800 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

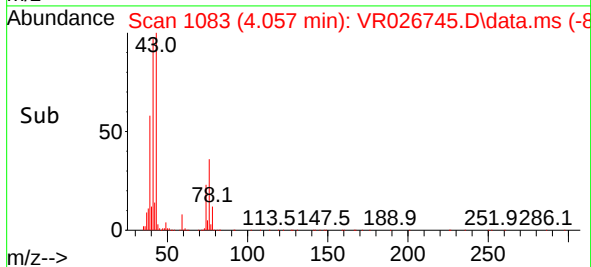
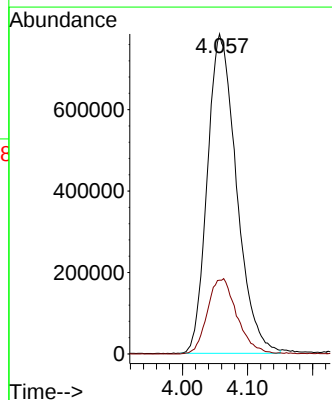
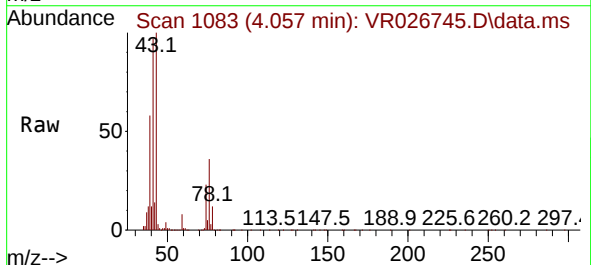
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

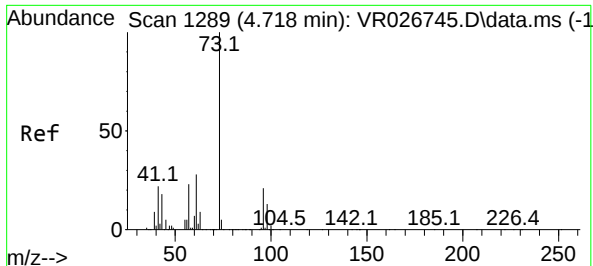
Tgt Ion: 76 Resp: 4409259  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.6



#18  
Methyl Acetate  
Concen: 49.595 ug/l  
RT: 4.057 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 43 Resp: 2440032  
Ion Ratio Lower Upper  
43 100  
74 23.9 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 52.869 ug/l

RT: 4.718 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

MSVOA\_R

ClientSampleId :

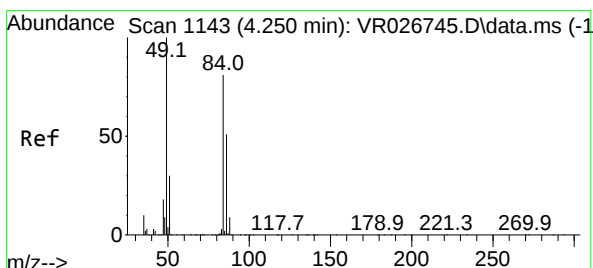
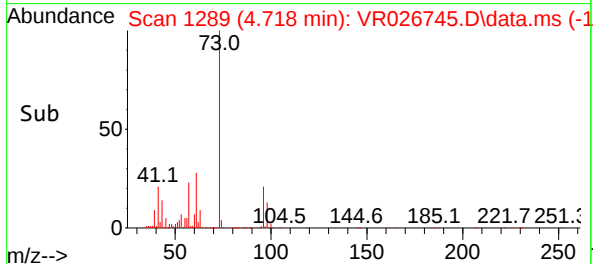
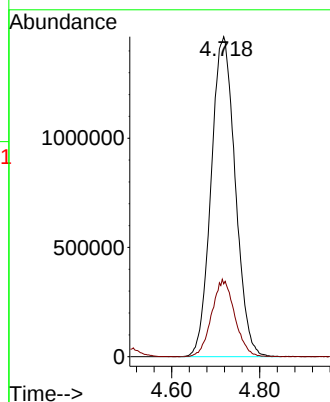
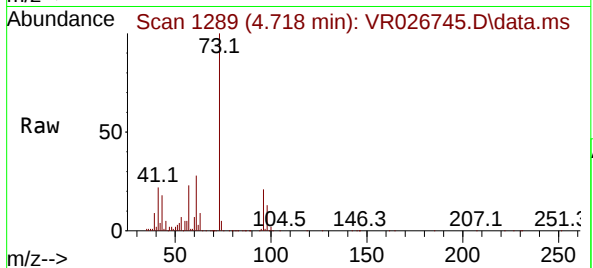
VSTDICCC050

Tgt Ion: 73 Resp: 5568231

Ion Ratio Lower Upper

73 100

57 22.7 18.2 27.2



#20

Methylene Chloride

Concen: 49.726 ug/l

RT: 4.250 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Tgt Ion: 84 Resp: 1791754

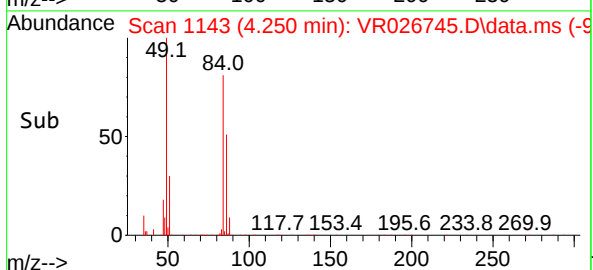
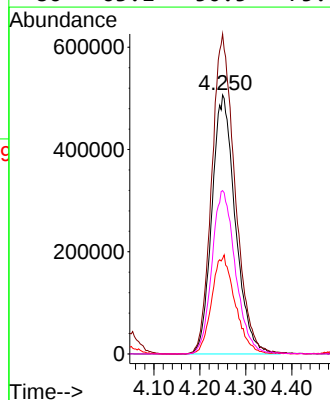
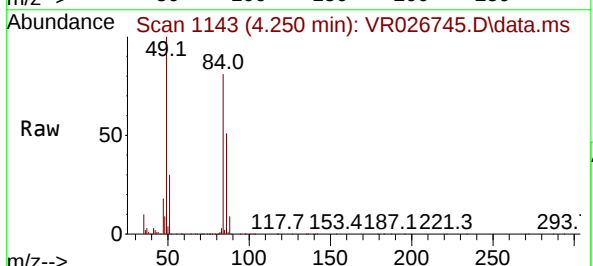
Ion Ratio Lower Upper

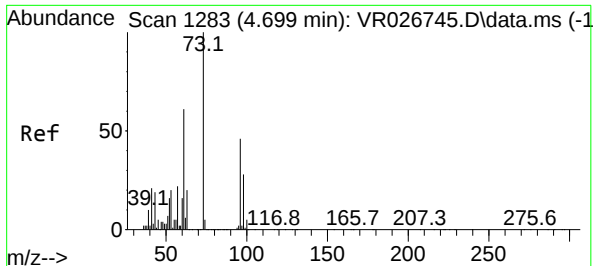
84 100

49 123.5 98.8 148.2

51 36.8 29.4 44.2

86 63.1 50.5 75.7

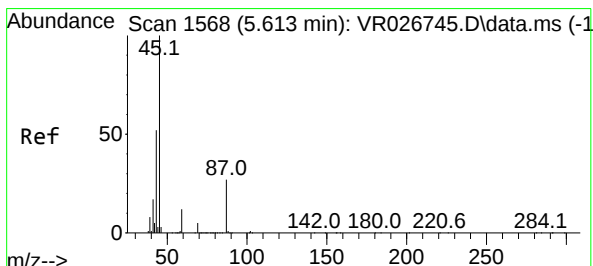
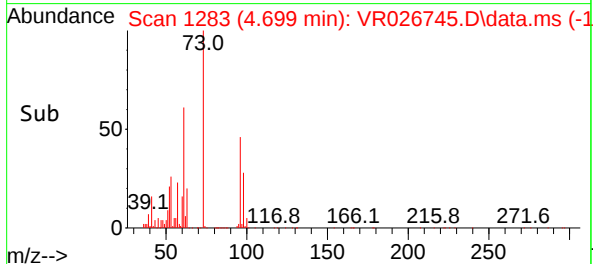
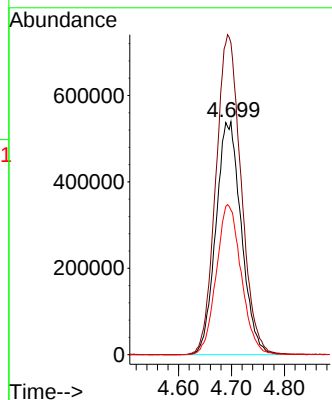
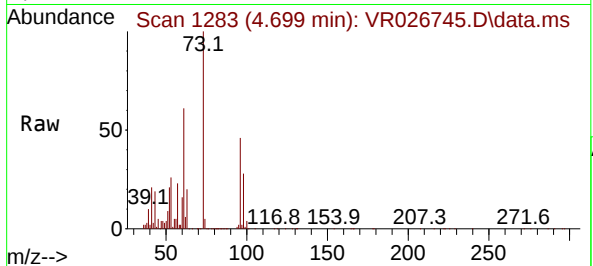




#21  
trans-1,2-Dichloroethene  
Concen: 51.823 ug/l  
RT: 4.699 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

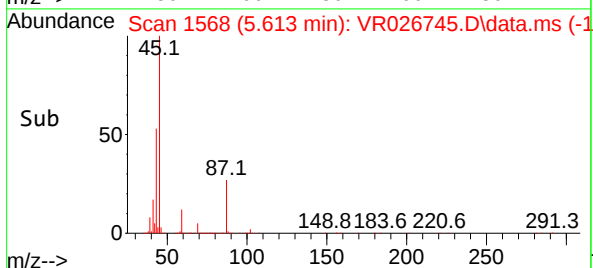
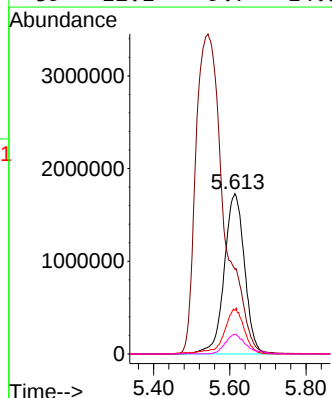
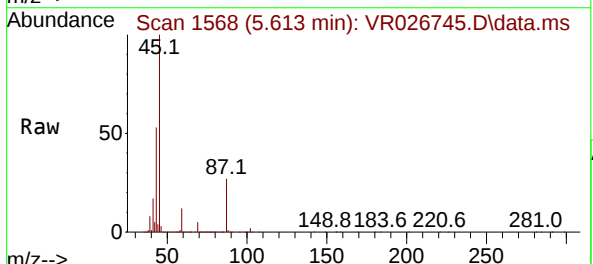
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

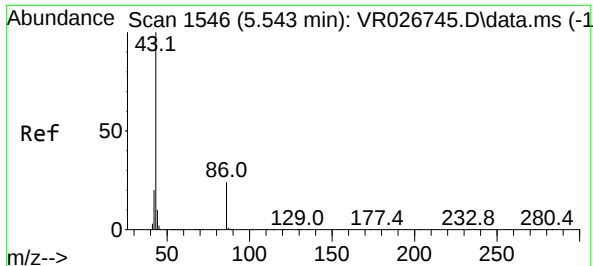
Tgt Ion: 96 Resp: 1799289  
Ion Ratio Lower Upper  
96 100  
61 133.9 107.1 160.7  
98 62.1 49.7 74.5



#22  
Diisopropyl ether  
Concen: 50.644 ug/l  
RT: 5.613 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 45 Resp: 6376070  
Ion Ratio Lower Upper  
45 100  
43 52.3 41.8 62.8  
87 27.1 21.7 32.5  
59 12.1 9.7 14.5

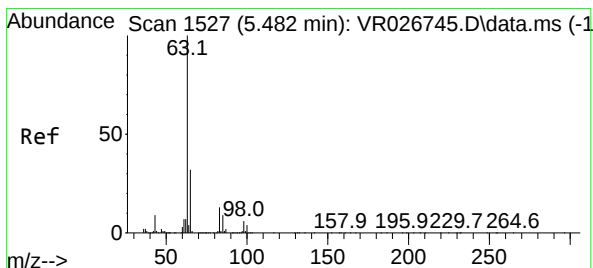
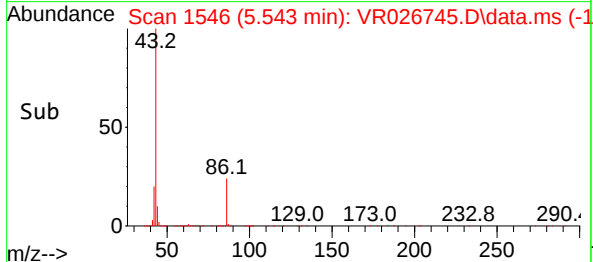
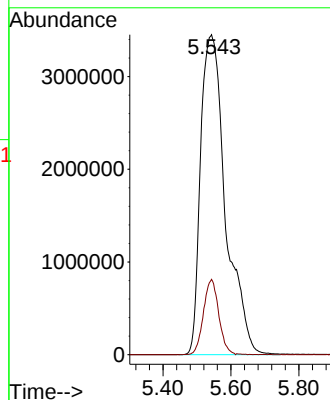
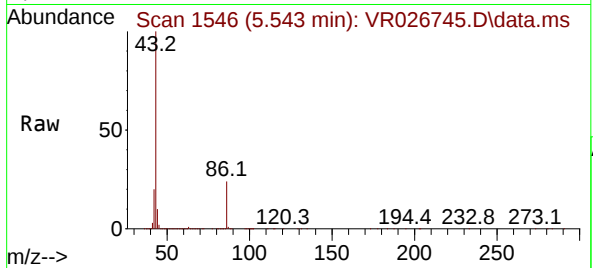




#23  
 Vinyl Acetate  
 Concen: 234.969 ug/l  
 RT: 5.543 min Scan# 1546  
 Delta R.T. -0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

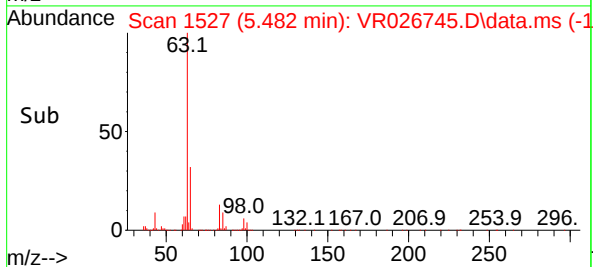
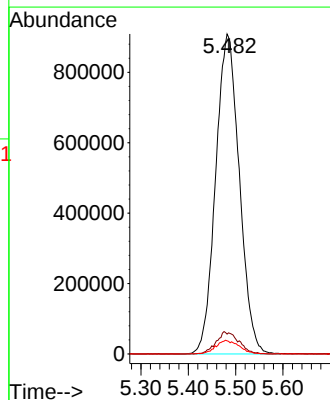
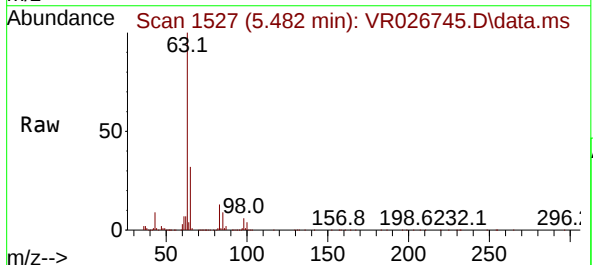
Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

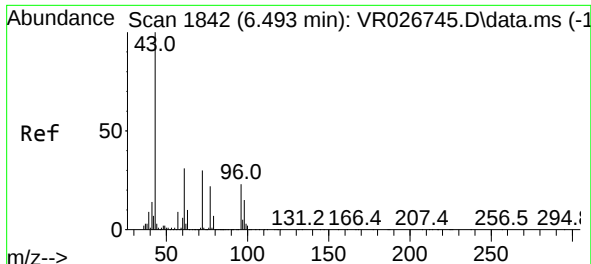
Tgt Ion: 43 Resp:17624591  
 Ion Ratio Lower Upper  
 43 100  
 86 23.6 18.9 28.3



#24  
 1,1-Dichloroethane  
 Concen: 51.046 ug/l  
 RT: 5.482 min Scan# 1527  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

Tgt Ion: 63 Resp: 3162509  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.1 9.3  
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 249.523 ug/l

RT: 6.493 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

MSVOA\_R

ClientSampleId :

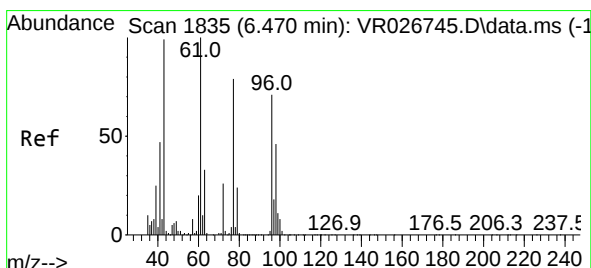
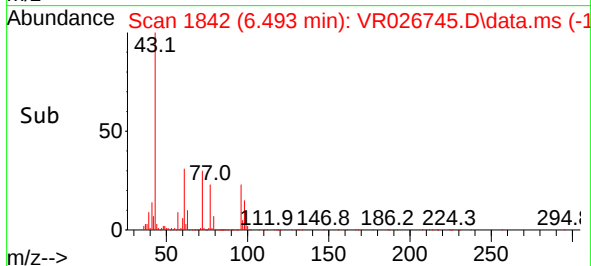
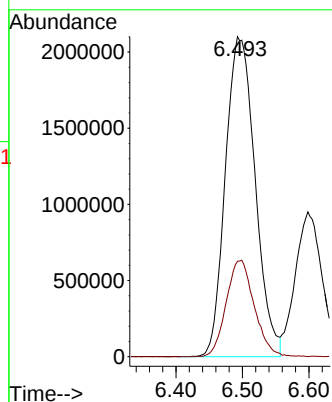
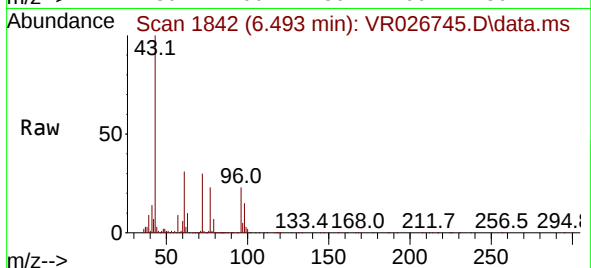
VSTDICCC050

Tgt Ion: 43 Resp: 6543039

Ion Ratio Lower Upper

43 100

72 29.8 23.8 35.8



#26

2,2-Dichloropropane

Concen: 54.444 ug/l

RT: 6.470 min Scan# 1835

Delta R.T. 0.000 min

Lab File: VR026745.D

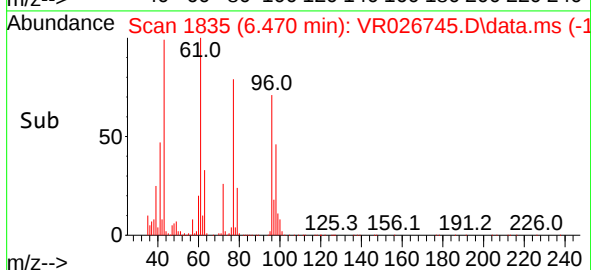
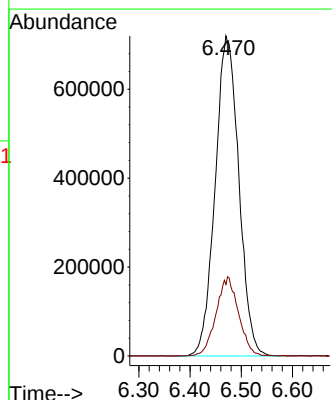
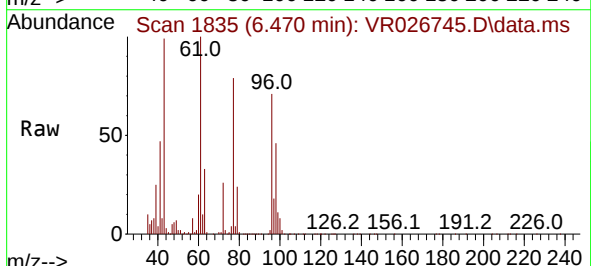
Acq: 20 Aug 2025 16:46

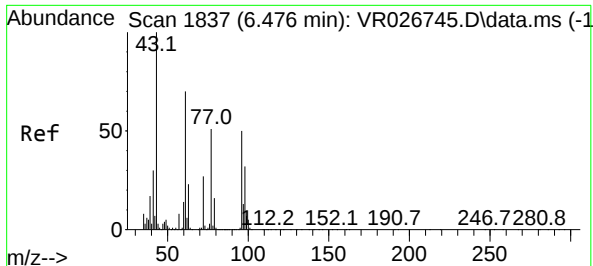
Tgt Ion: 77 Resp: 2310783

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 52.270 ug/l

RT: 6.476 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

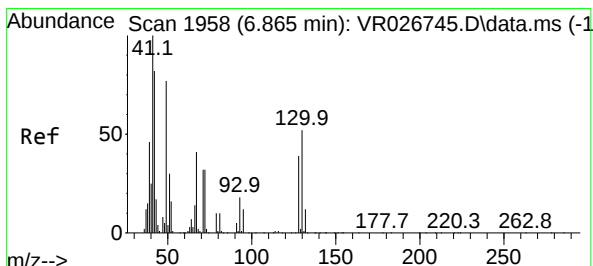
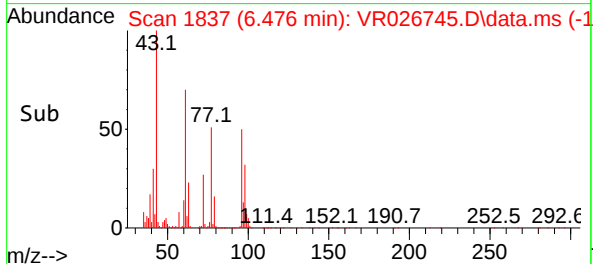
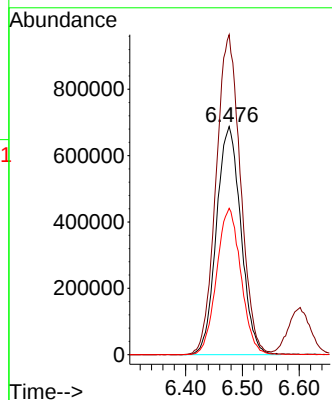
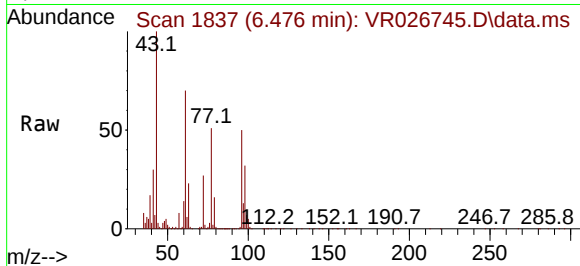
MSVOA\_R

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 2054029

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 140.3 | 0.0   | 280.6 |
| 98  | 63.8  | 0.0   | 127.6 |



#28

Bromochloromethane

Concen: 47.439 ug/l

RT: 6.865 min Scan# 1958

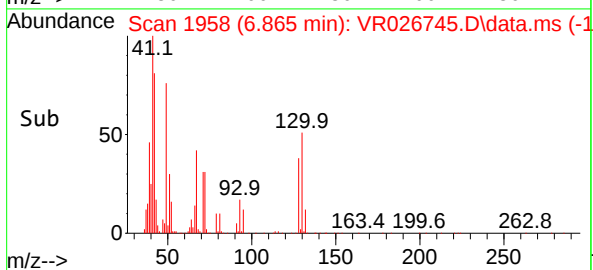
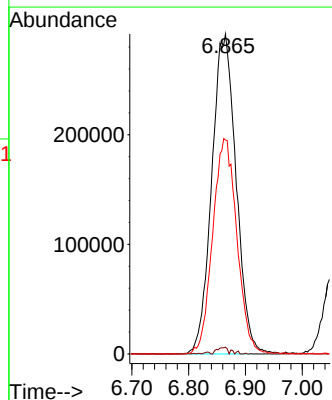
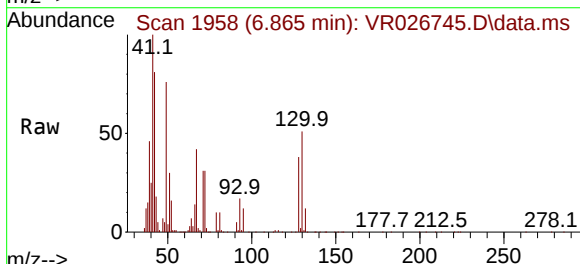
Delta R.T. 0.000 min

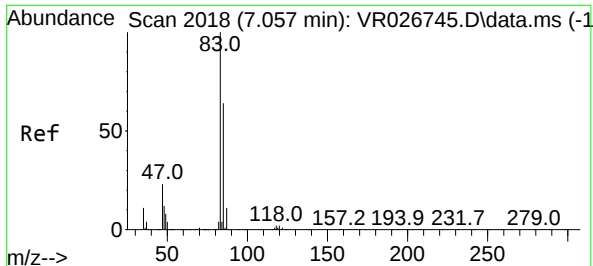
Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Tgt Ion: 49 Resp: 869848

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.8   | 0.0   | 1.6   |
| 130 | 66.8  | 53.4  | 80.2  |





#29

Chloroform

Concen: 51.402 ug/l

RT: 7.057 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

MSVOA\_R

ClientSampleId :

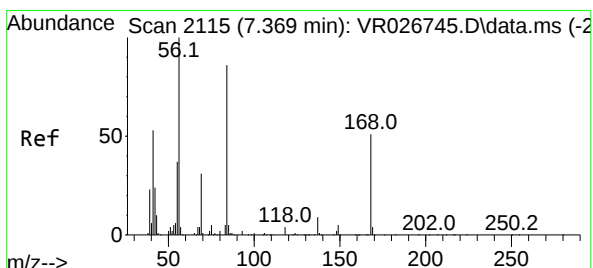
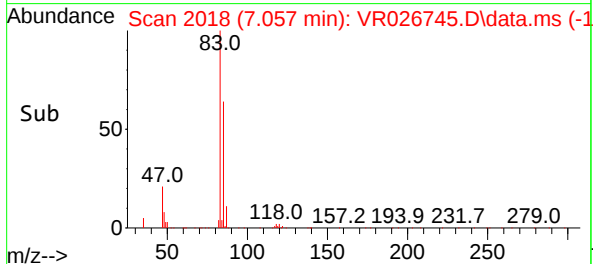
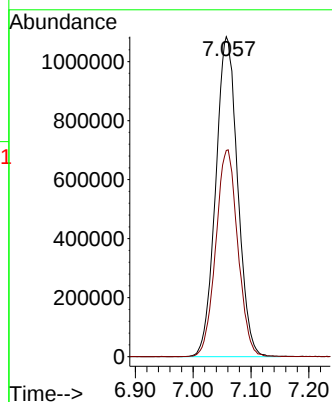
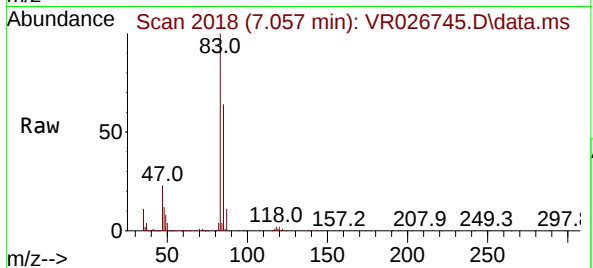
VSTDICCC050

Tgt Ion: 83 Resp: 2861267

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3



#30

Cyclohexane

Concen: 48.521 ug/l

RT: 7.369 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

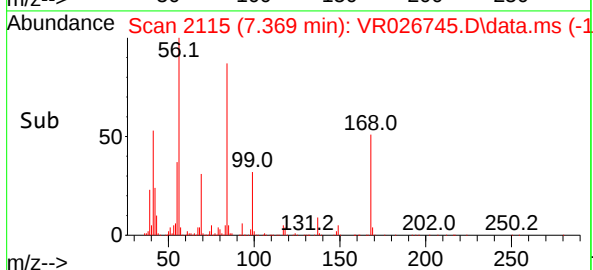
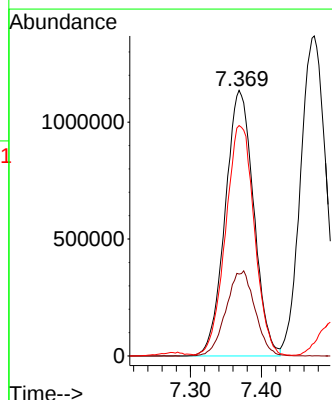
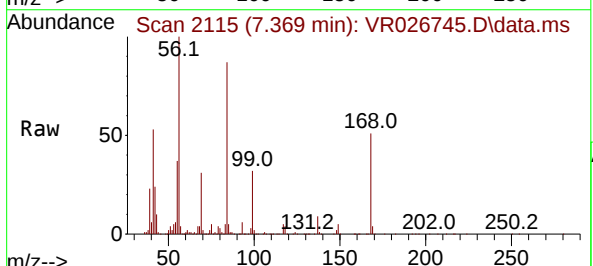
Tgt Ion: 56 Resp: 3170127

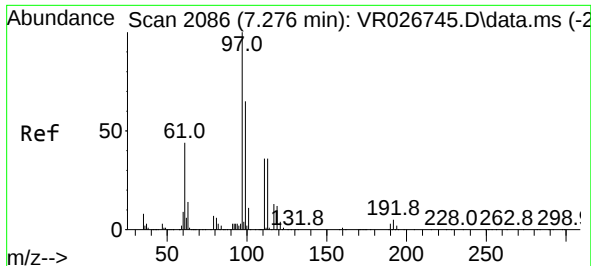
Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

84 85.9 68.7 103.1



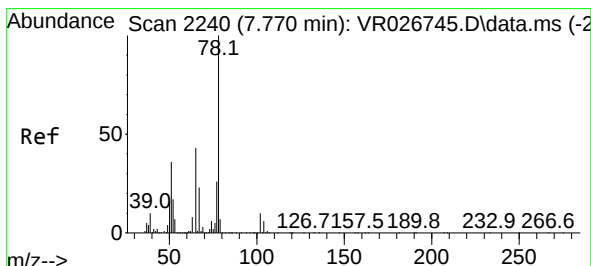
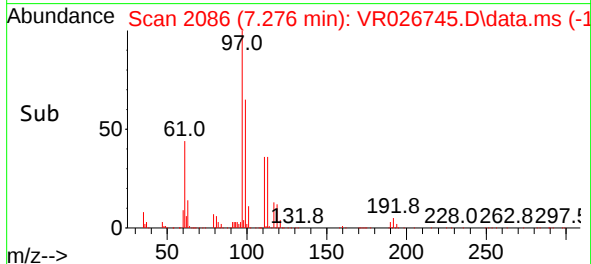
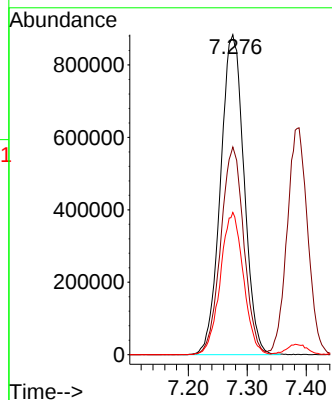
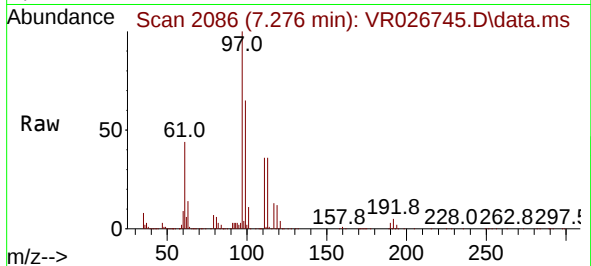


#31  
 1,1,1-Trichloroethane  
 Concen: 54.156 ug/l  
 RT: 7.276 min Scan# 2086  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion: 97 Resp: 2447847

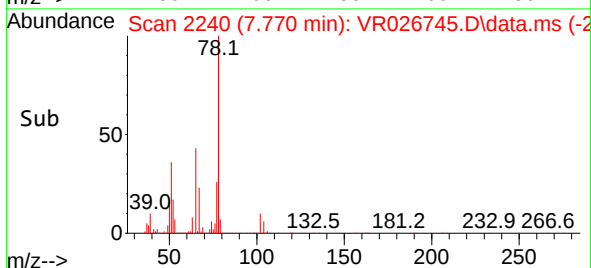
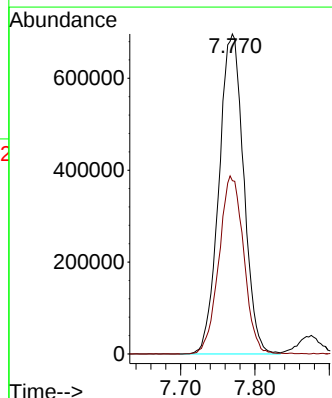
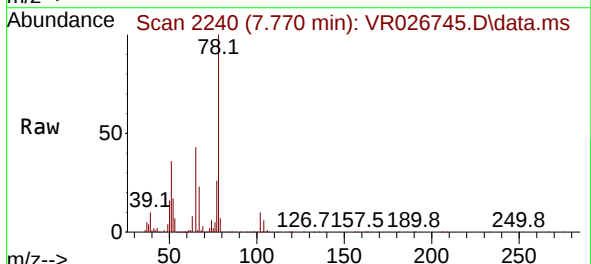
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.7  | 51.0  | 76.4  |
| 61  | 43.7  | 35.0  | 52.4  |

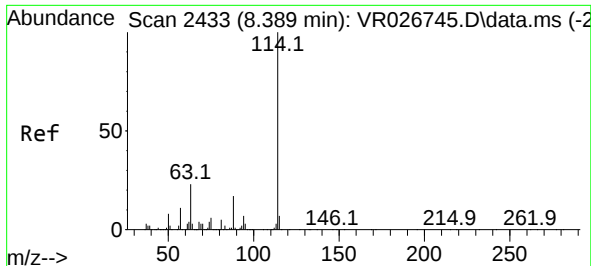


#32  
 1,2-Dichloroethane-d4  
 Concen: 50.345 ug/l  
 RT: 7.770 min Scan# 2240  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

Tgt Ion: 65 Resp: 1606298

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 55.7  | 0.0   | 111.4 |





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.389 min Scan# 2433

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

MSVOA\_R

ClientSampleId :

VSTDICCC050

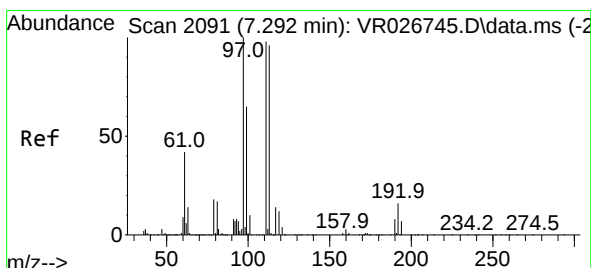
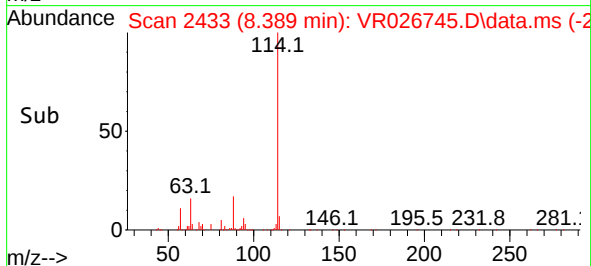
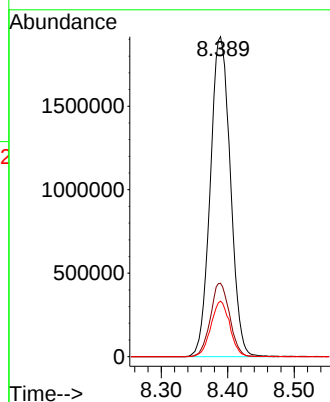
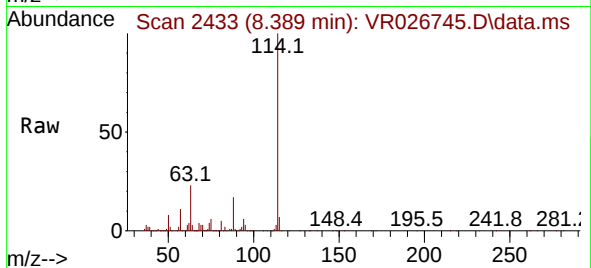
Tgt Ion:114 Resp: 4021497

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.8

88 17.4 0.0 34.8



#34

Dibromofluoromethane

Concen: 51.161 ug/l

RT: 7.292 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

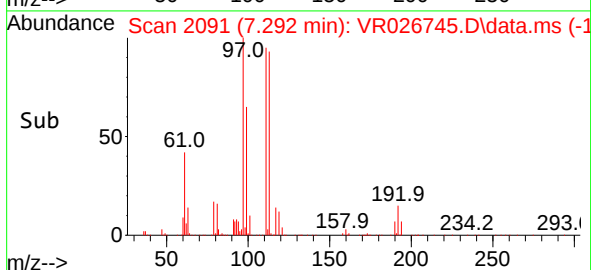
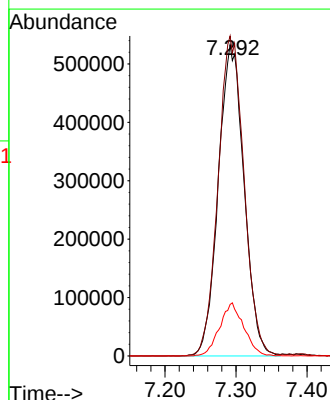
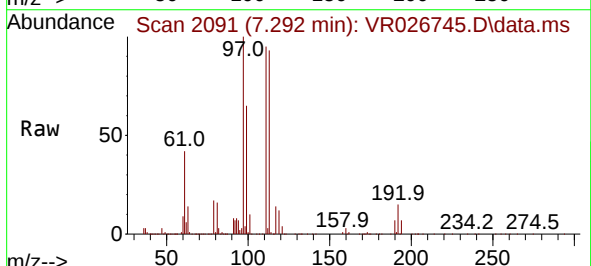
Tgt Ion:113 Resp: 1341879

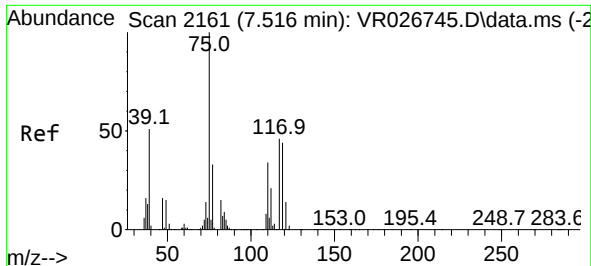
Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

192 16.1 12.9 19.3

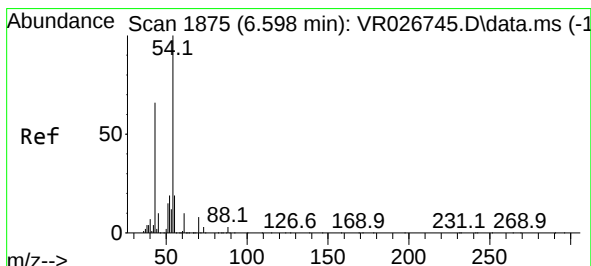
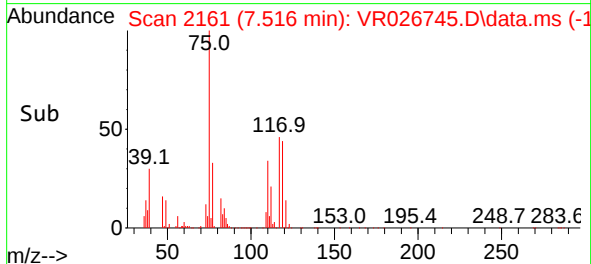
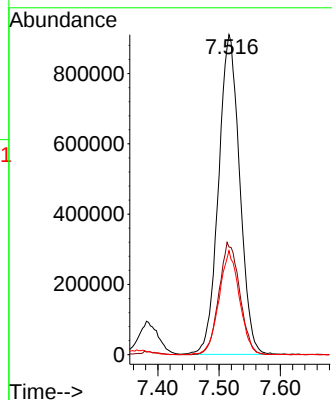
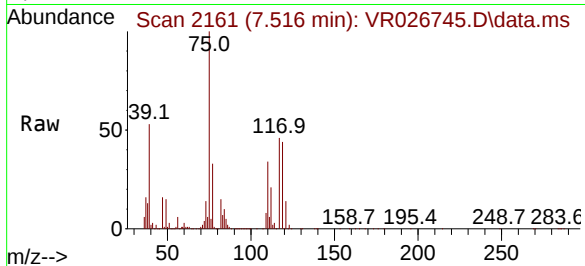




#35  
 1,1-Dichloropropene  
 Concen: 53.318 ug/l  
 RT: 7.516 min Scan# 2161  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

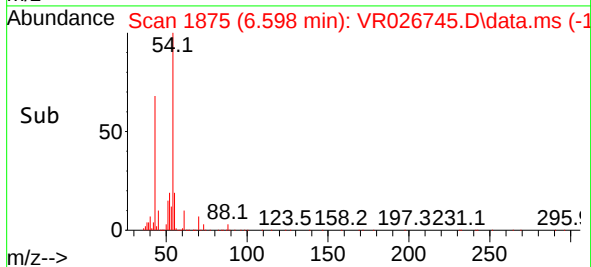
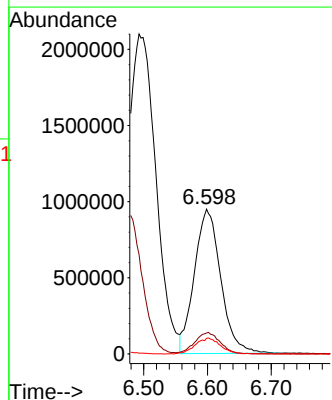
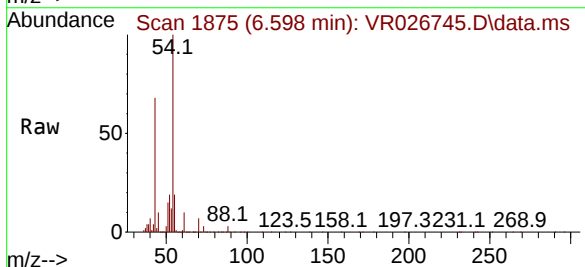
Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

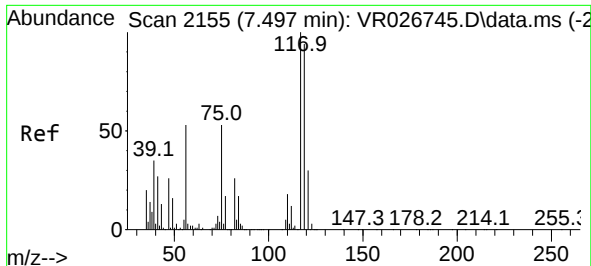
Tgt Ion: 75 Resp: 2177820  
 Ion Ratio Lower Upper  
 75 100  
 110 34.7 17.3 52.0  
 77 31.4 25.1 37.7



#36  
 Ethyl Acetate  
 Concen: 52.024 ug/l  
 RT: 6.598 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

Tgt Ion: 43 Resp: 2723649  
 Ion Ratio Lower Upper  
 43 100  
 61 14.3 11.4 17.2  
 70 10.5 8.4 12.6

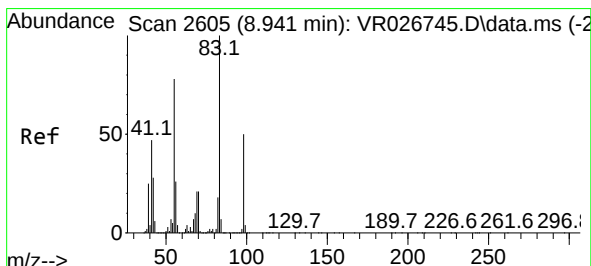
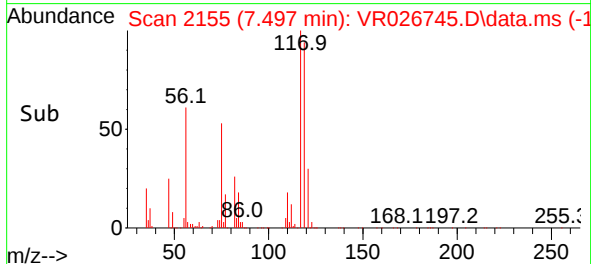
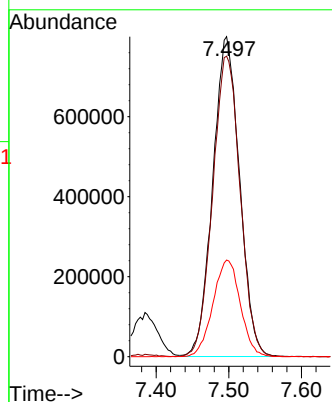
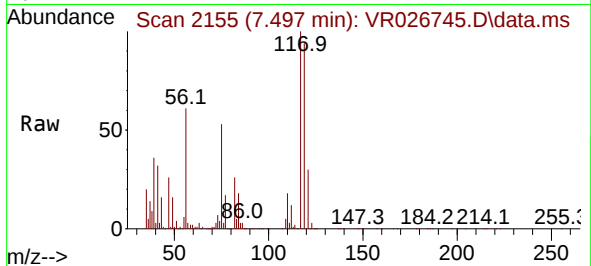




#37  
Carbon Tetrachloride  
Concen: 55.585 ug/l  
RT: 7.497 min Scan# 2155  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

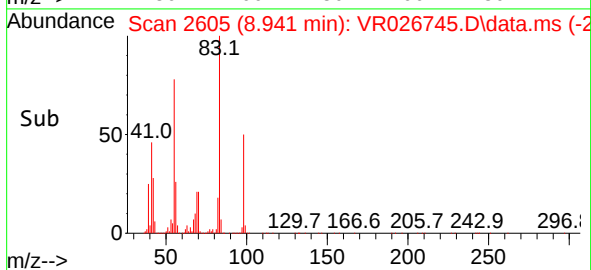
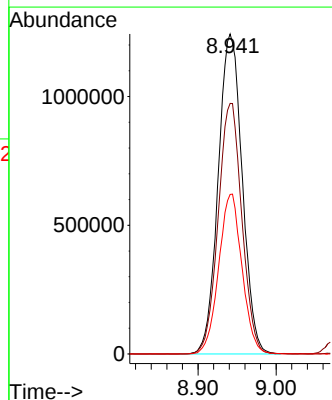
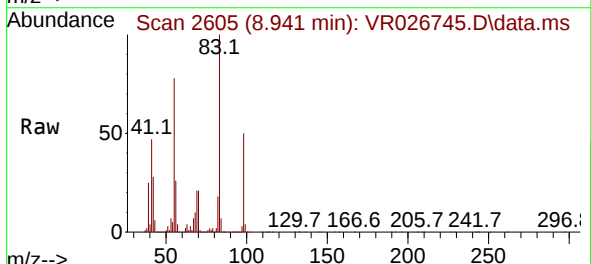
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

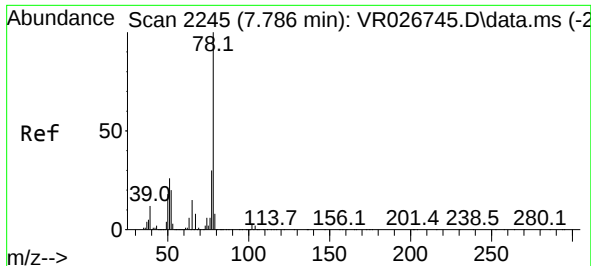
Tgt Ion:117 Resp: 2043091  
Ion Ratio Lower Upper  
117 100  
119 93.9 75.1 112.7  
121 30.2 24.2 36.2



#38  
Methylcyclohexane  
Concen: 51.910 ug/l  
RT: 8.941 min Scan# 2605  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 83 Resp: 2653236  
Ion Ratio Lower Upper  
83 100  
55 78.3 62.6 94.0  
98 49.9 39.9 59.9

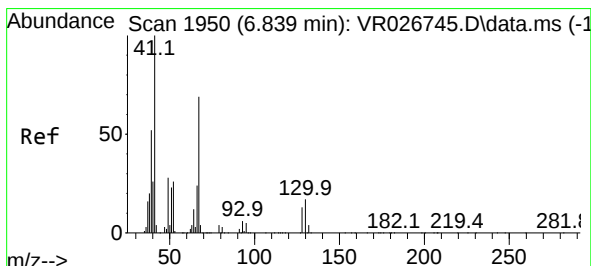
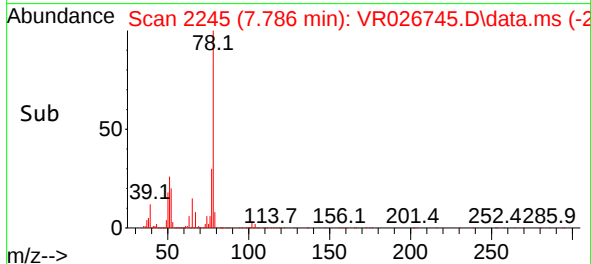
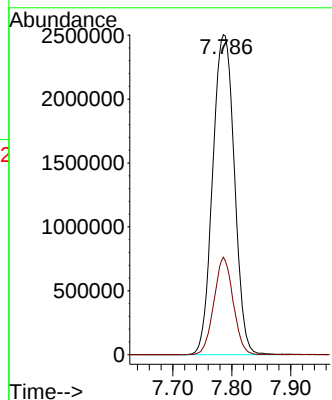
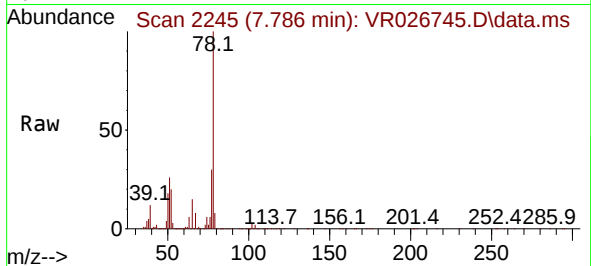




#39  
Benzene  
Concen: 51.053 ug/l  
RT: 7.786 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

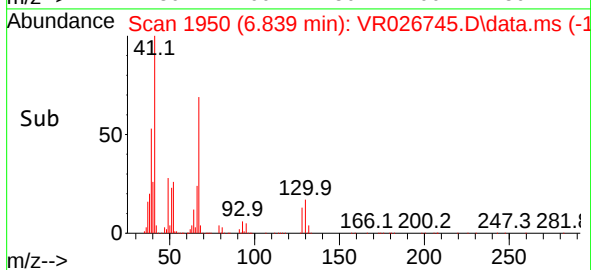
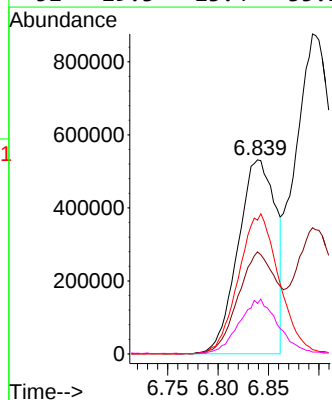
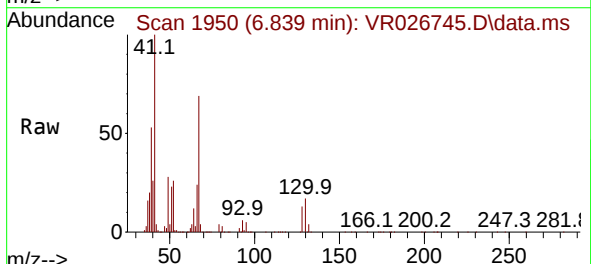
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

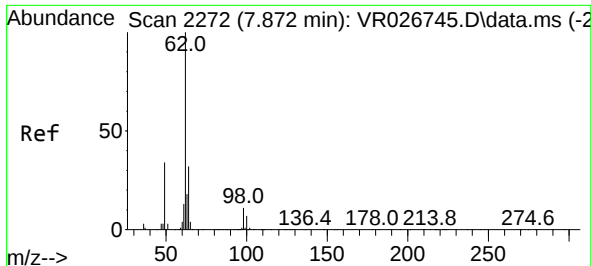
Tgt Ion: 78 Resp: 6401847  
Ion Ratio Lower Upper  
78 100  
77 30.4 24.3 36.5



#40  
Methacrylonitrile  
Concen: 50.515 ug/l  
RT: 6.839 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 41 Resp: 1376737  
Ion Ratio Lower Upper  
41 100  
39 53.7 43.0 64.4  
67 78.3 62.6 94.0  
52 29.3 23.4 35.2

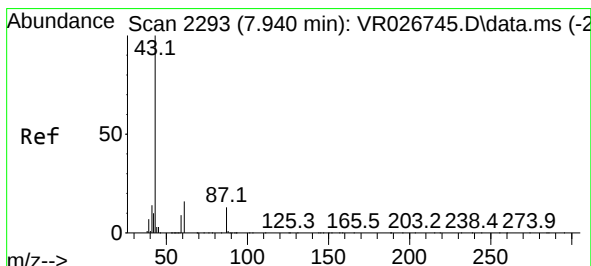
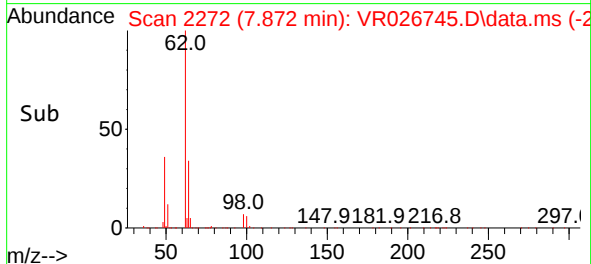
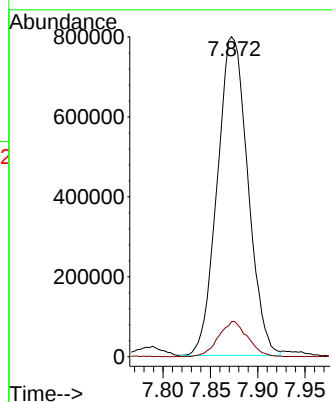
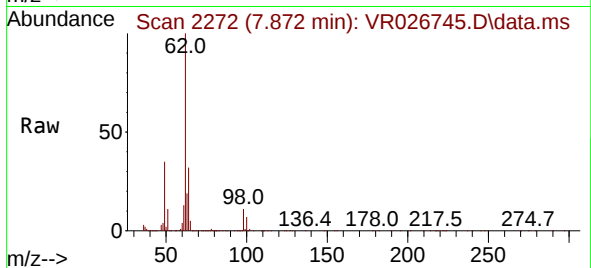




#41  
1,2-Dichloroethane  
Concen: 51.493 ug/l  
RT: 7.872 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

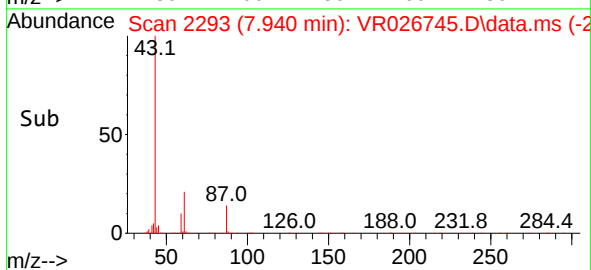
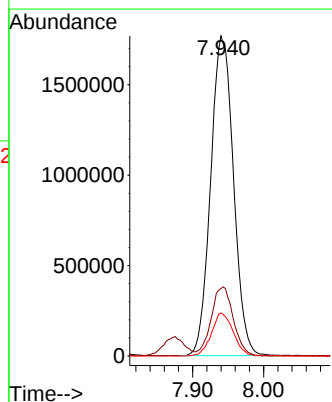
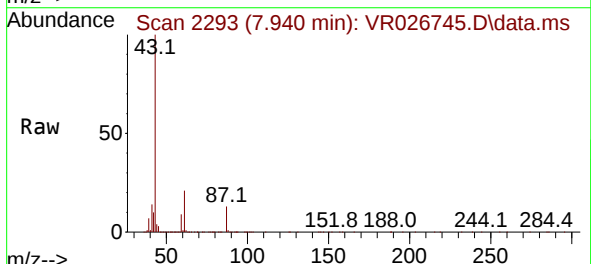
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

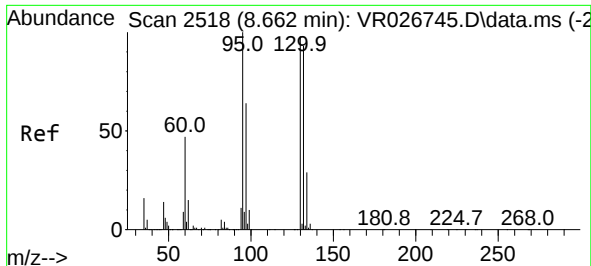
Tgt Ion: 62 Resp: 1790338  
Ion Ratio Lower Upper  
62 100  
98 10.6 0.0 21.2



#42  
Isopropyl Acetate  
Concen: 53.261 ug/l  
RT: 7.940 min Scan# 2293  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 43 Resp: 3945706  
Ion Ratio Lower Upper  
43 100  
61 21.0 16.8 25.2  
87 12.8 10.2 15.4

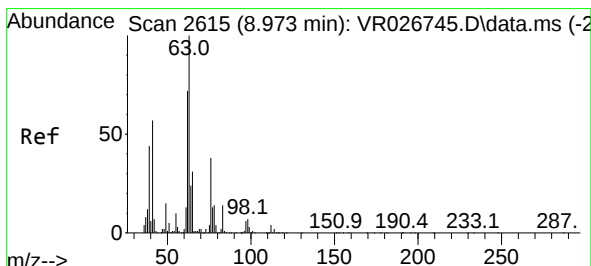
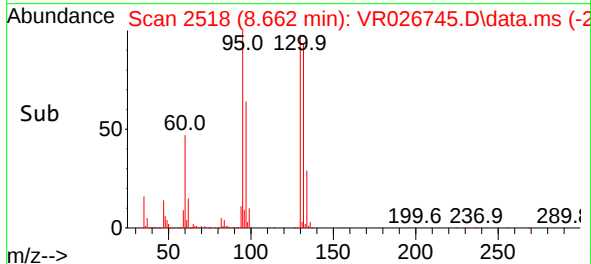
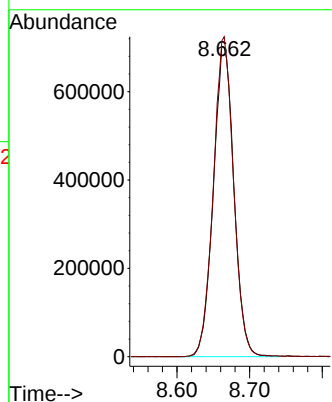
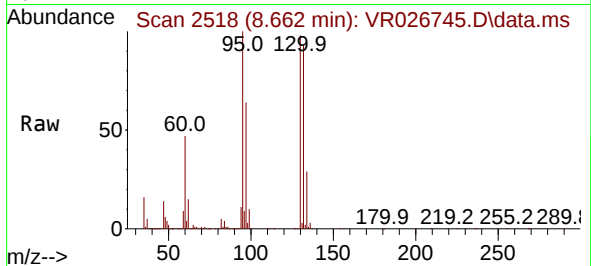




#43  
Trichloroethene  
Concen: 50.583 ug/l  
RT: 8.662 min Scan# 2518  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

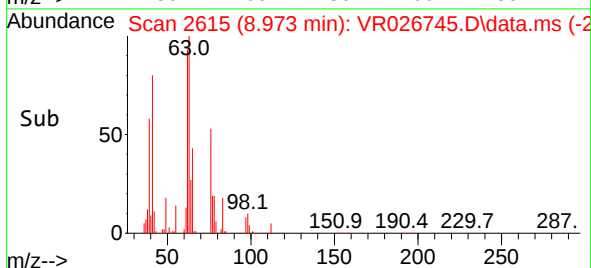
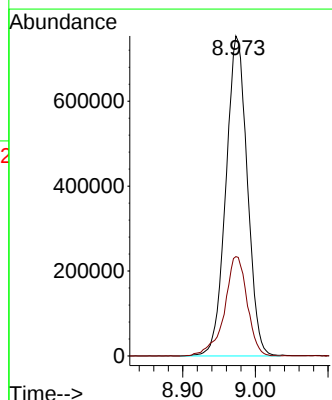
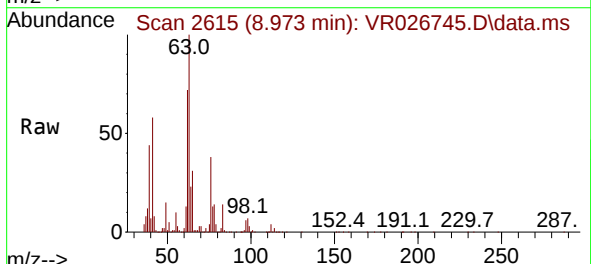
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

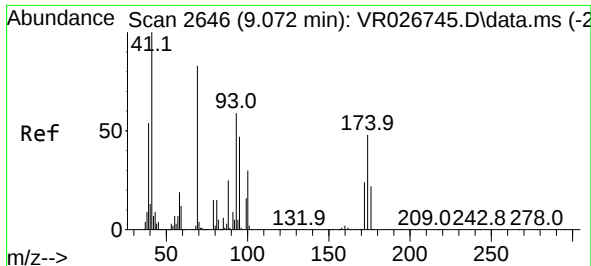
Tgt Ion:130 Resp: 1383797  
Ion Ratio Lower Upper  
130 100  
95 101.7 0.0 203.4



#44  
1,2-Dichloropropane  
Concen: 51.318 ug/l  
RT: 8.973 min Scan# 2615  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 63 Resp: 1540544  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.8 37.2





#45

Dibromomethane

Concen: 52.496 ug/l

RT: 9.072 min Scan# 2646

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

MSVOA\_R

ClientSampleId :

VSTDICCC050

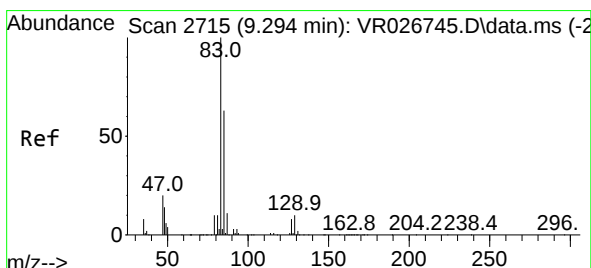
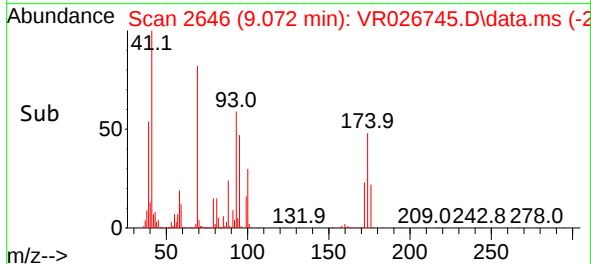
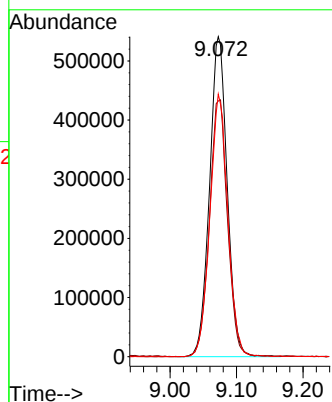
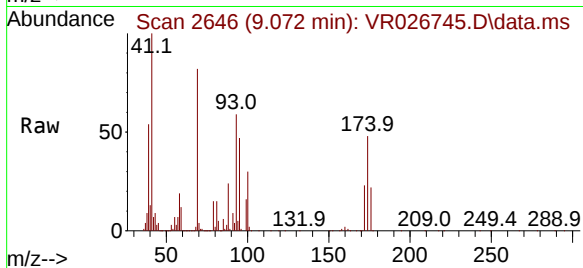
Tgt Ion: 93 Resp: 1001097

Ion Ratio Lower Upper

93 100

95 81.7 65.4 98.0

174 83.1 66.5 99.7



#46

Bromodichloromethane

Concen: 53.034 ug/l

RT: 9.294 min Scan# 2715

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

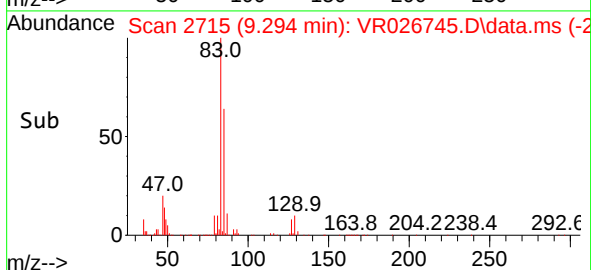
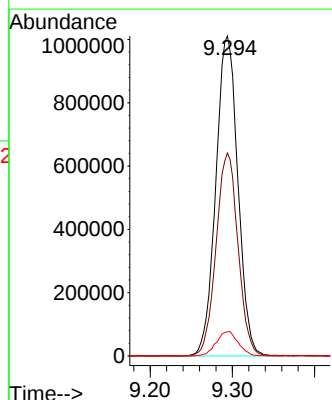
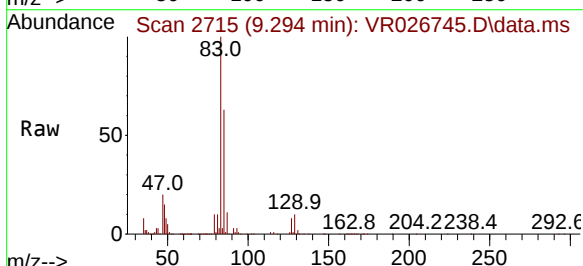
Tgt Ion: 83 Resp: 1882554

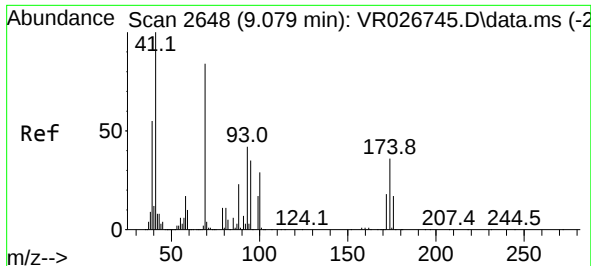
Ion Ratio Lower Upper

83 100

85 63.5 50.8 76.2

127 7.5 6.0 9.0

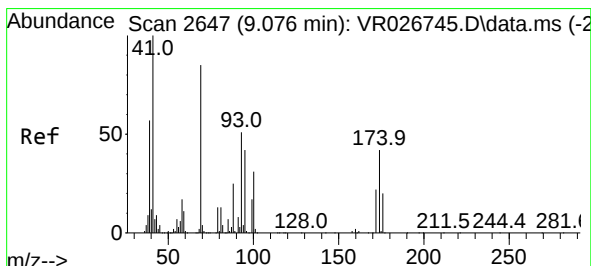
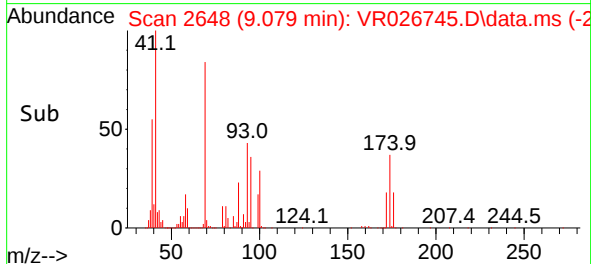
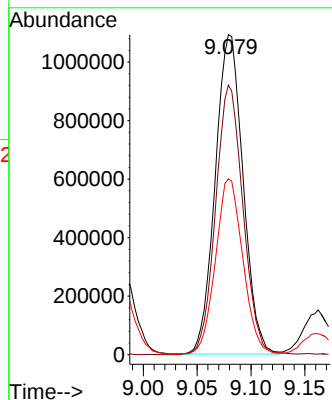
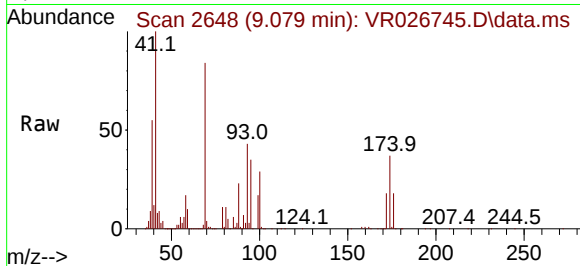




#47  
Methyl methacrylate  
Concen: 54.329 ug/l  
RT: 9.079 min Scan# 2648  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

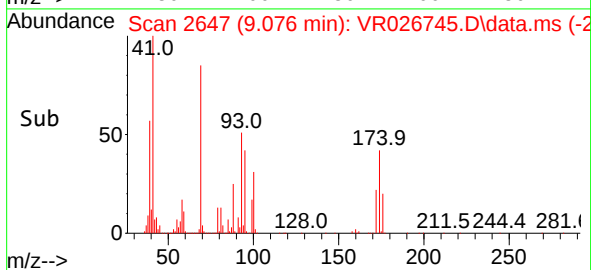
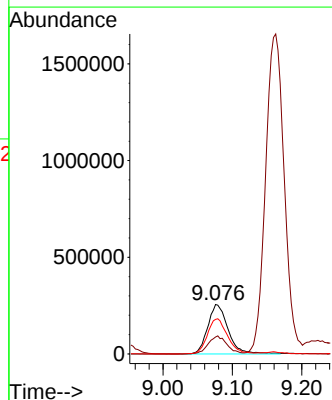
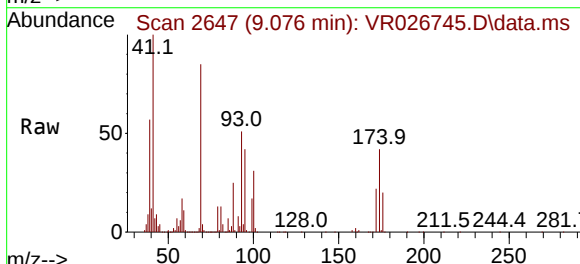
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

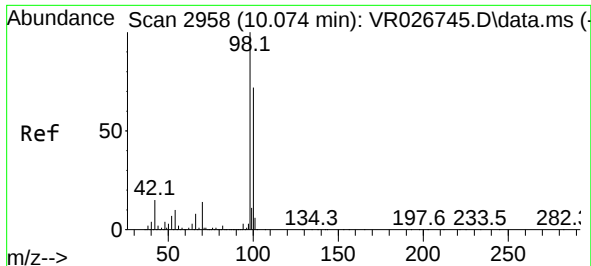
Tgt Ion: 41 Resp: 1964455  
Ion Ratio Lower Upper  
41 100  
69 83.1 66.5 99.7  
39 54.1 43.3 64.9



#48  
1,4-Dioxane  
Concen: 1118.223 ug/l  
RT: 9.076 min Scan# 2647  
Delta R.T. -0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 88 Resp: 519417  
Ion Ratio Lower Upper  
88 100  
43 33.9 27.1 40.7  
58 69.9 55.9 83.9

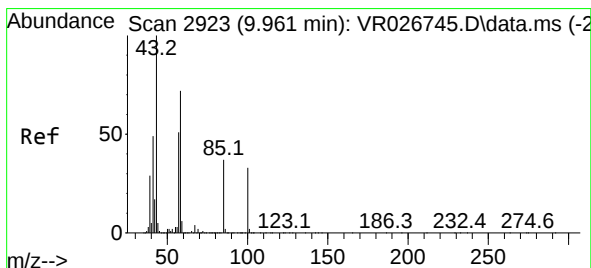
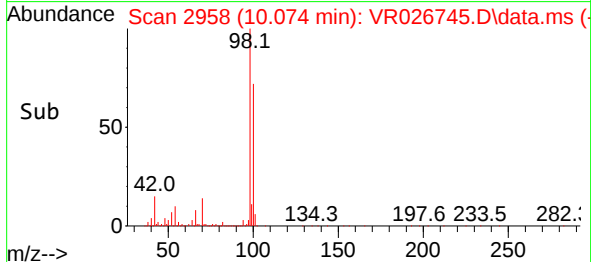
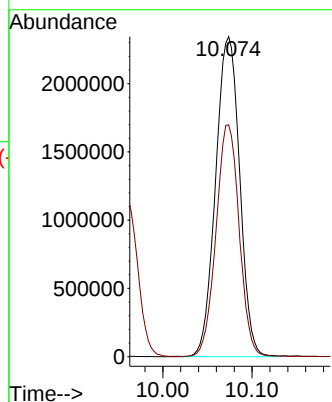
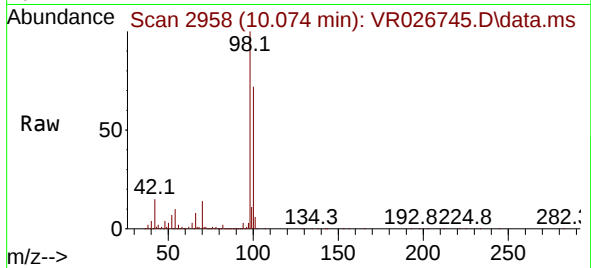




#49  
Toluene-d8  
Concen: 49.986 ug/l  
RT: 10.074 min Scan# 2958  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

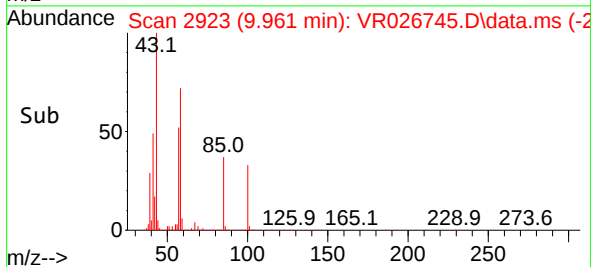
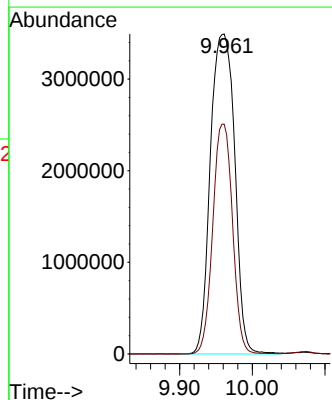
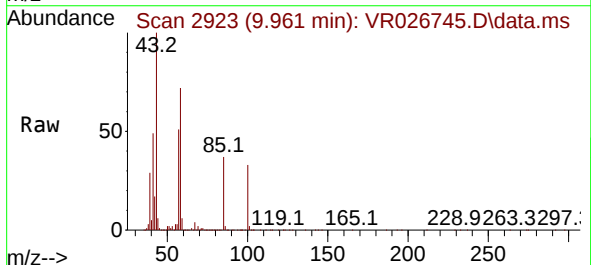
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

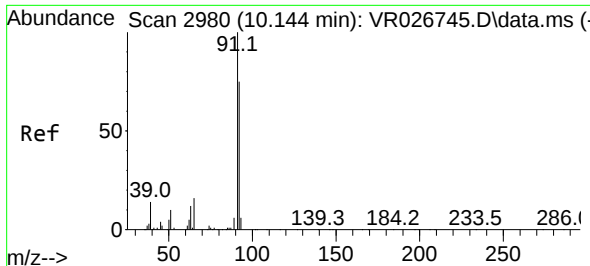
Tgt Ion: 98 Resp: 4395227  
Ion Ratio Lower Upper  
98 100  
100 69.6 55.7 83.5



#50  
4-Methyl-2-Pentanone  
Concen: 235.285 ug/l  
RT: 9.961 min Scan# 2923  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 43 Resp: 8099504  
Ion Ratio Lower Upper  
43 100  
58 58.5 46.8 70.2

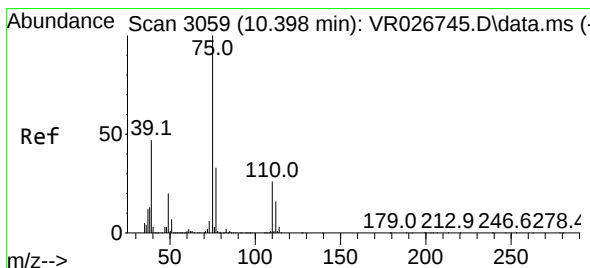
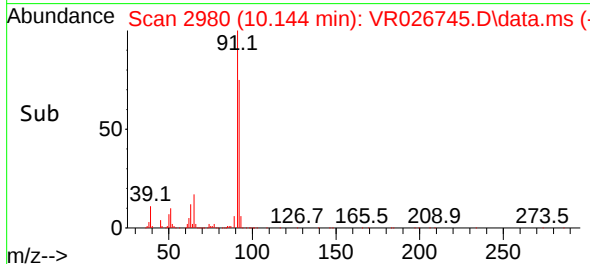
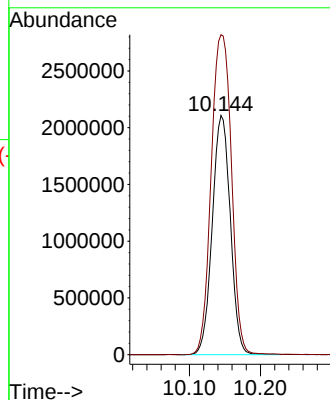
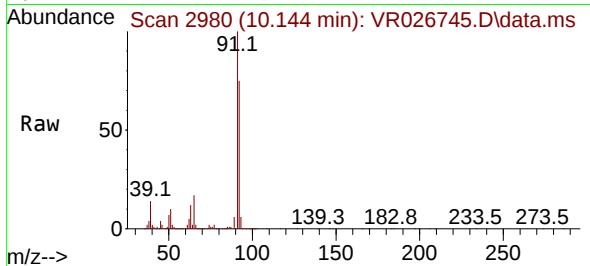




#51  
Toluene  
Concen: 51.944 ug/l  
RT: 10.144 min Scan# 2980  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

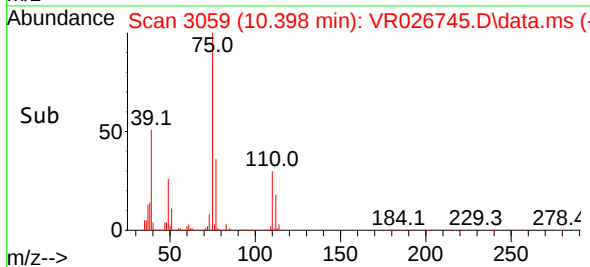
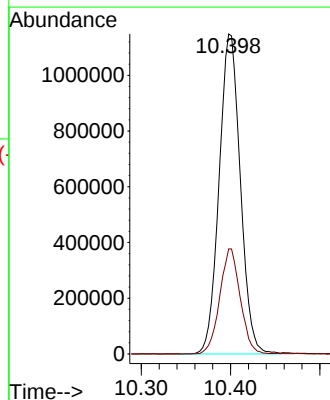
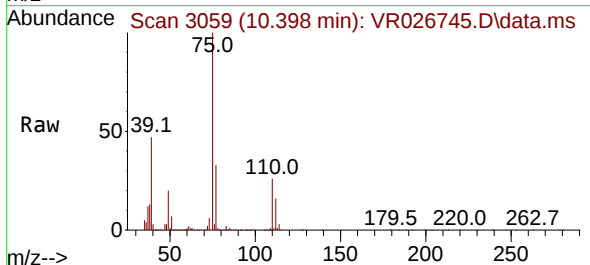
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

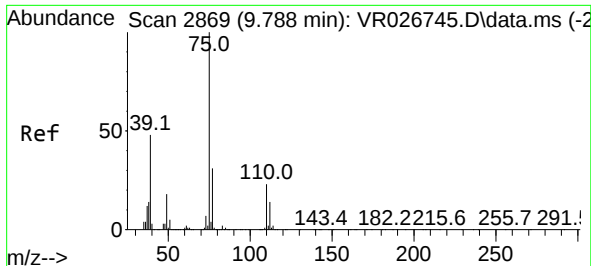
Tgt Ion: 92 Resp: 3719451  
Ion Ratio Lower Upper  
92 100  
91 150.1 120.1 180.1



#52  
t-1,3-Dichloropropene  
Concen: 56.433 ug/l  
RT: 10.398 min Scan# 3059  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 75 Resp: 1897286  
Ion Ratio Lower Upper  
75 100  
77 32.8 26.2 39.4

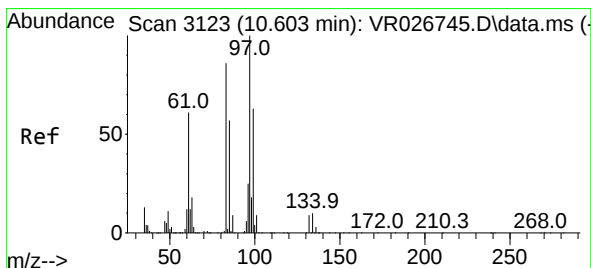
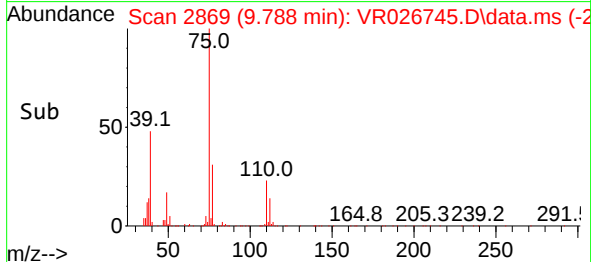
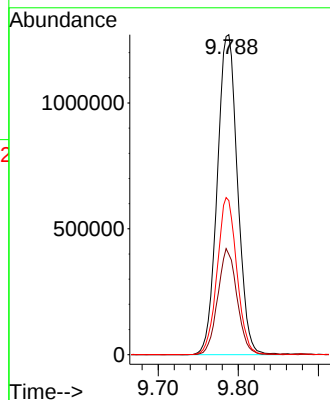
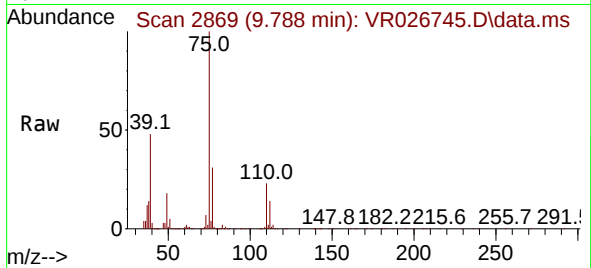




#53  
 cis-1,3-Dichloropropene  
 Concen: 54.560 ug/l  
 RT: 9.788 min Scan# 2869  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

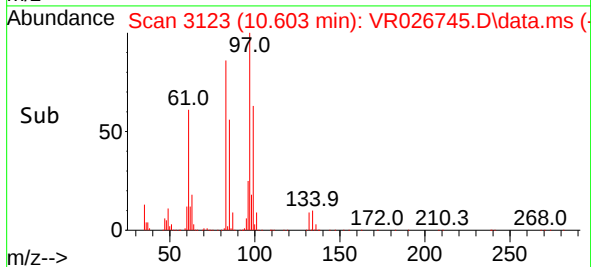
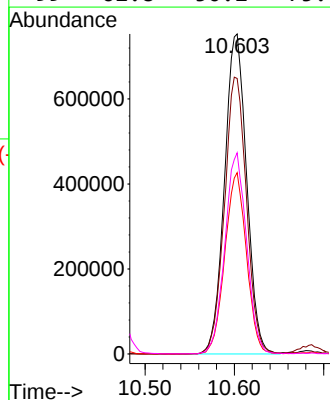
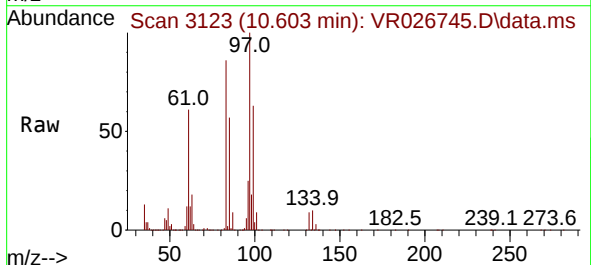
Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

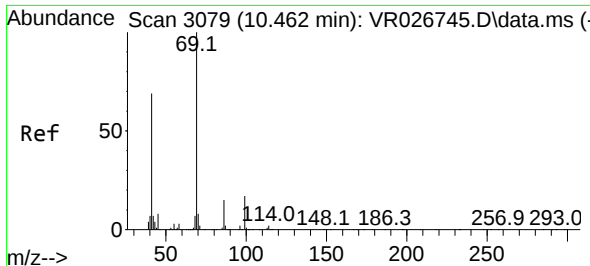
Tgt Ion: 75 Resp: 2225355  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.1 37.7  
 39 48.1 38.5 57.7



#54  
 1,1,2-Trichloroethane  
 Concen: 51.047 ug/l  
 RT: 10.603 min Scan# 3123  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

Tgt Ion: 97 Resp: 1297387  
 Ion Ratio Lower Upper  
 97 100  
 83 86.1 68.9 103.3  
 85 56.6 45.3 67.9  
 99 62.8 50.2 75.4

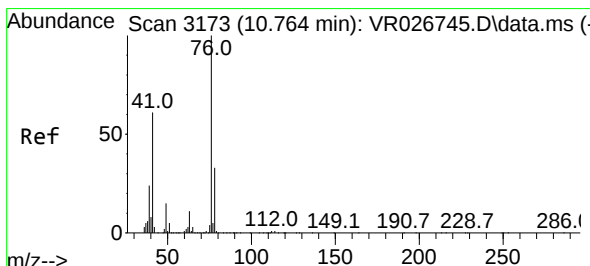
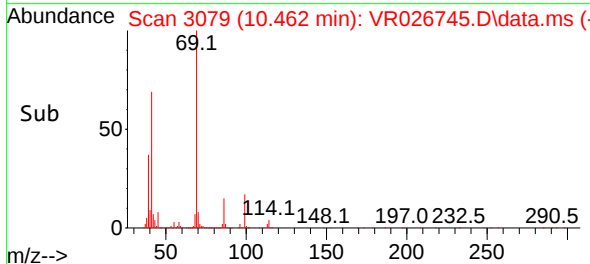
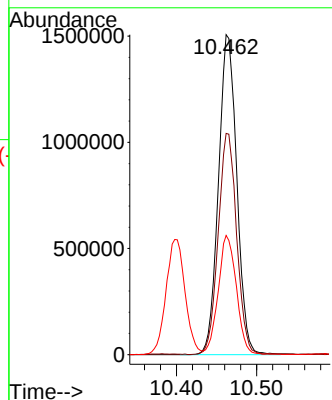
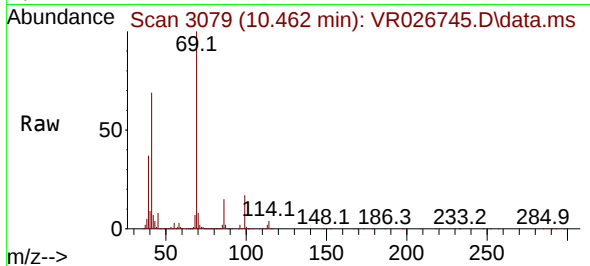




#55  
Ethyl methacrylate  
Concen: 54.591 ug/l  
RT: 10.462 min Scan# 3079  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

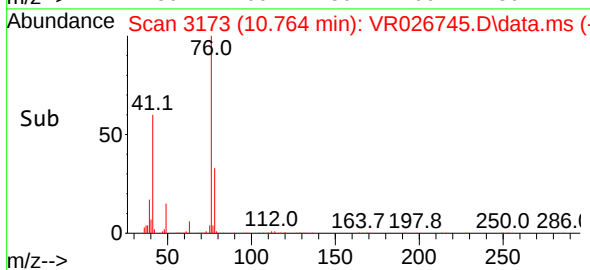
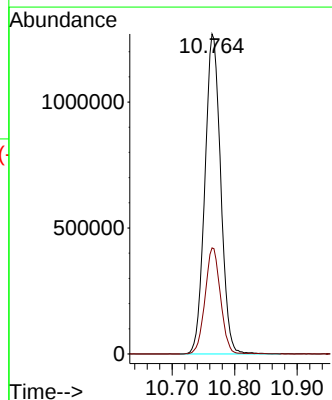
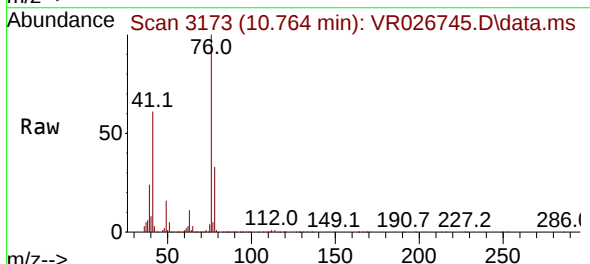
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

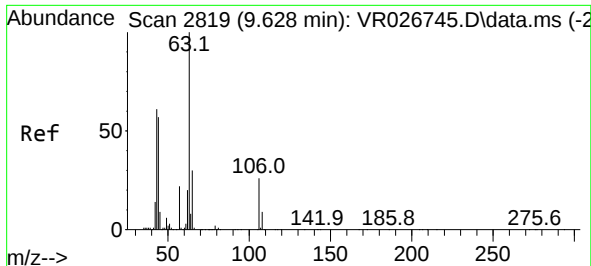
Tgt Ion: 69 Resp: 2386522  
Ion Ratio Lower Upper  
69 100  
41 69.5 55.6 83.4  
39 36.5 29.2 43.8



#56  
1,3-Dichloropropane  
Concen: 52.088 ug/l  
RT: 10.764 min Scan# 3173  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 76 Resp: 2231373  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.9 38.9

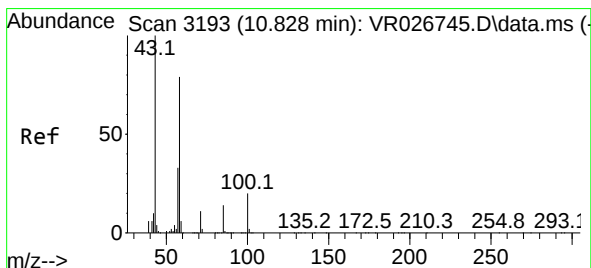
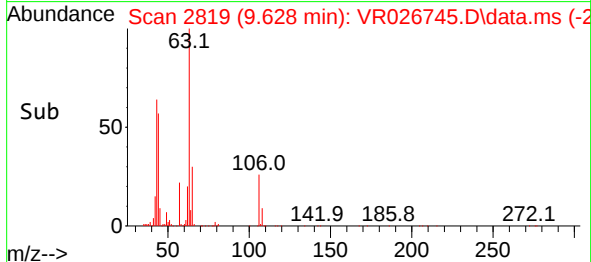
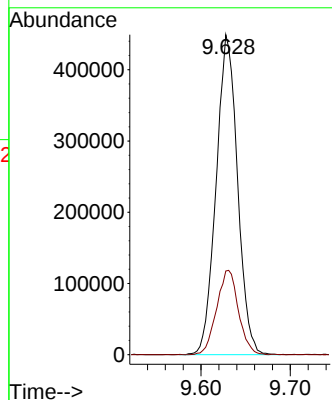
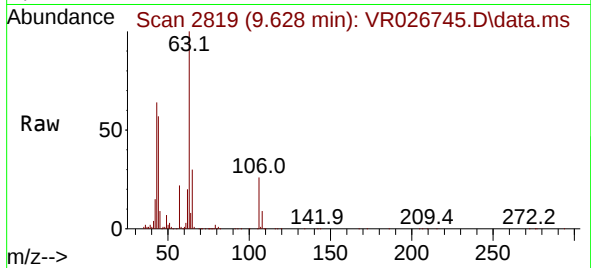




#57  
2-Chloroethyl Vinyl ether  
Concen: 252.763 ug/l  
RT: 9.628 min Scan# 2819  
Delta R.T. -0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

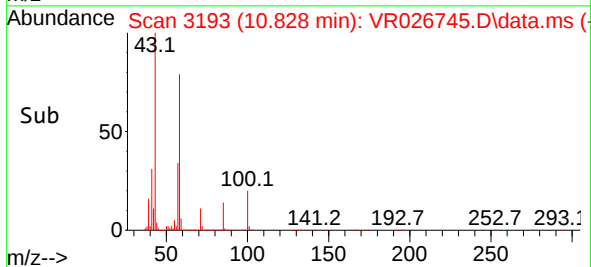
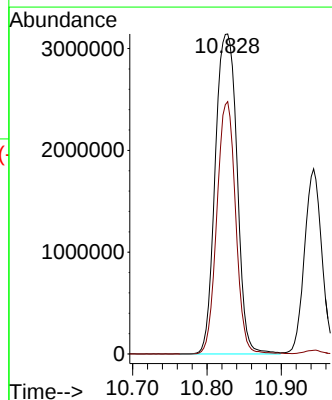
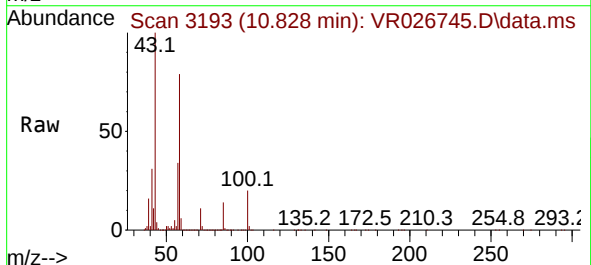
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

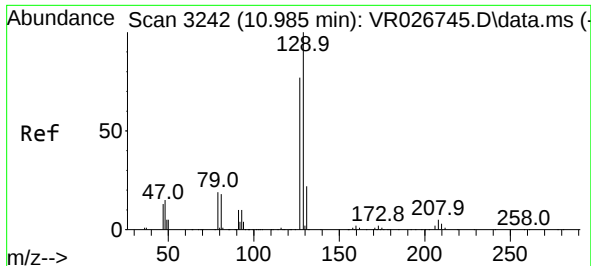
Tgt Ion: 63 Resp: 747814  
Ion Ratio Lower Upper  
63 100  
106 26.9 21.5 32.3



#58  
2-Hexanone  
Concen: 255.388 ug/l  
RT: 10.828 min Scan# 3193  
Delta R.T. -0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 43 Resp: 6393187  
Ion Ratio Lower Upper  
43 100  
58 68.0 34.0 102.0

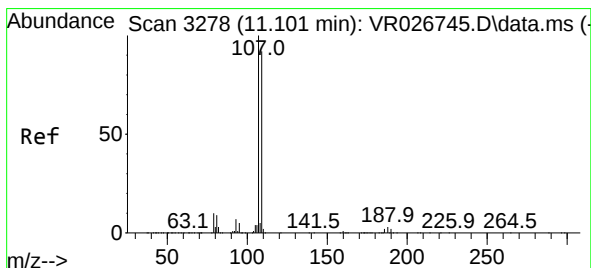
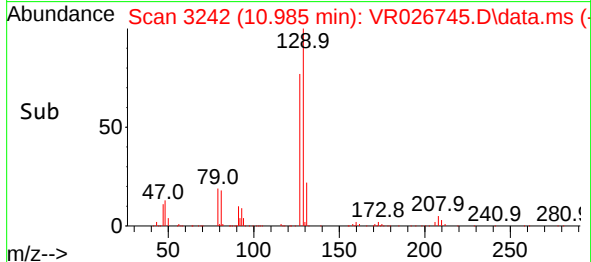
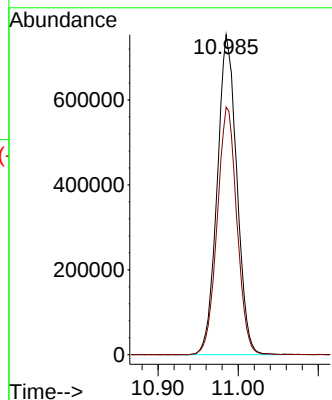
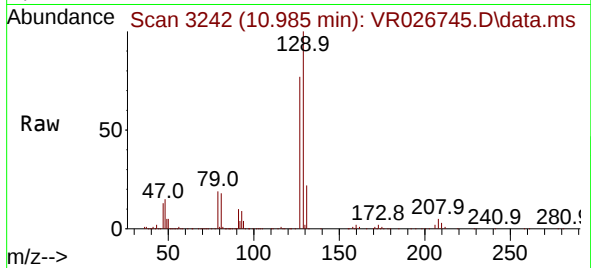




#59  
Dibromochloromethane  
Concen: 53.505 ug/l  
RT: 10.985 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

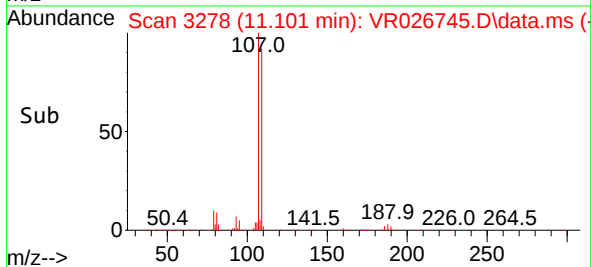
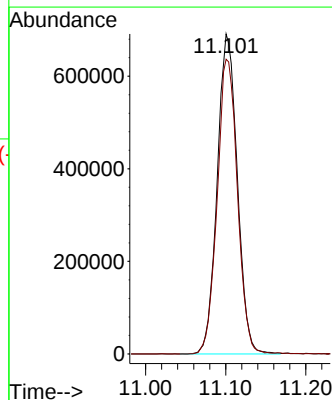
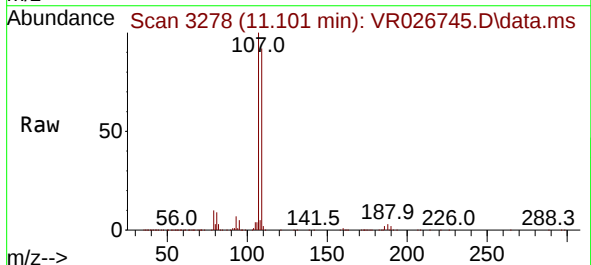
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

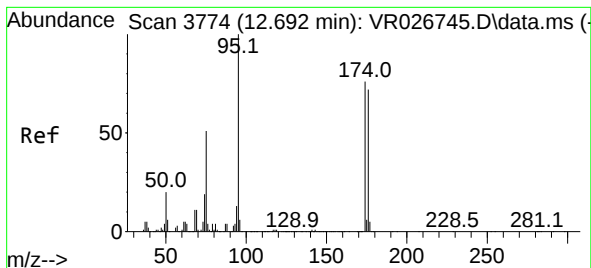
Tgt Ion:129 Resp: 1279106  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.9 116.7



#60  
1,2-Dibromoethane  
Concen: 52.285 ug/l  
RT: 11.101 min Scan# 3278  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion:107 Resp: 1201003  
Ion Ratio Lower Upper  
107 100  
109 92.9 74.3 111.5

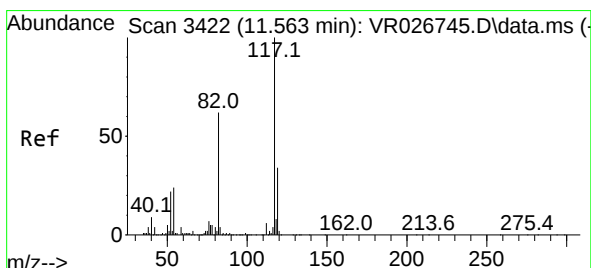
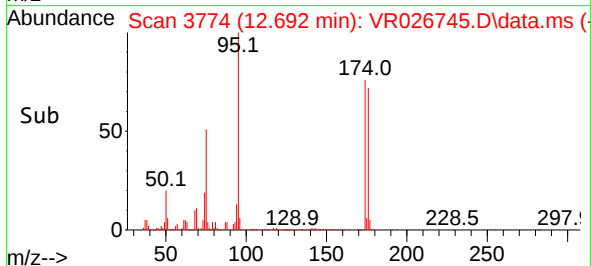
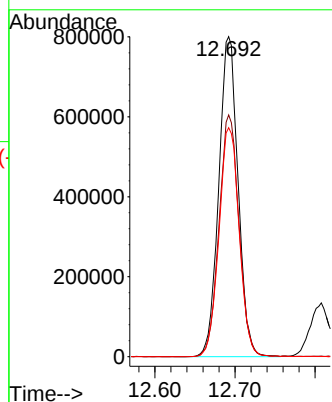
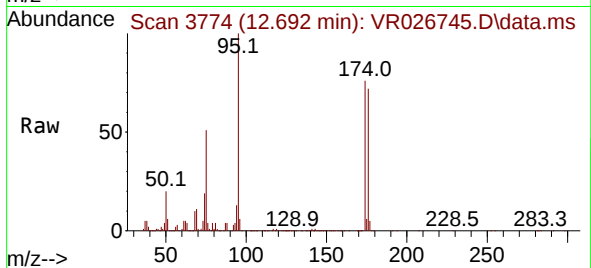




#61  
4-Bromofluorobenzene  
Concen: 53.354 ug/l  
RT: 12.692 min Scan# 3774  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

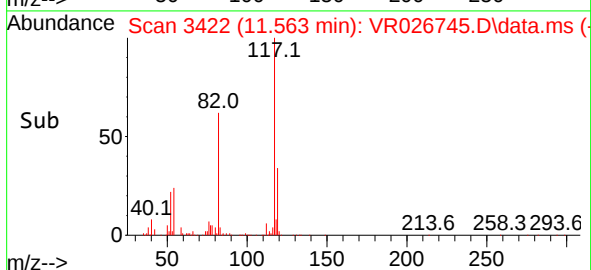
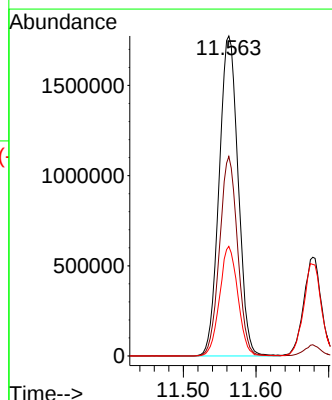
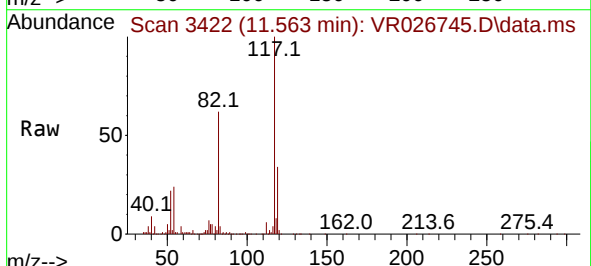
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

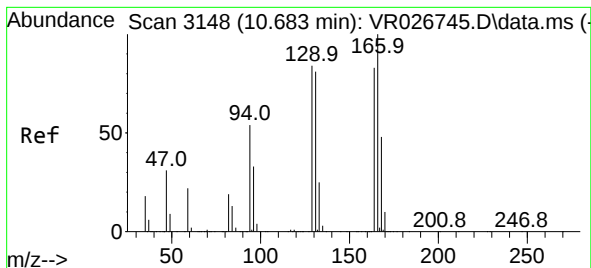
Tgt Ion: 95 Resp: 1331124  
Ion Ratio Lower Upper  
95 100  
174 78.3 0.0 156.6  
176 75.1 0.0 150.2



#62  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.563 min Scan# 3422  
Delta R.T. -0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 117 Resp: 3229101  
Ion Ratio Lower Upper  
117 100  
82 62.4 49.9 74.9  
119 34.3 27.4 41.2





#63

Tetrachloroethene

Concen: 49.511 ug/l

RT: 10.683 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

MSVOA\_R

ClientSampleId :

VSTDICCC050

Tgt Ion:164 Resp: 1123328

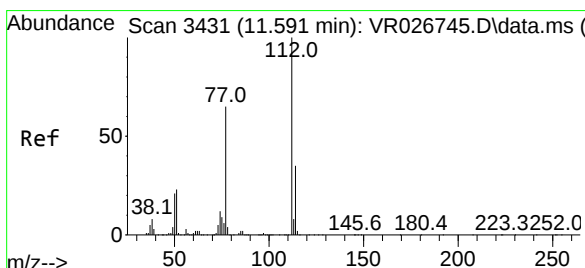
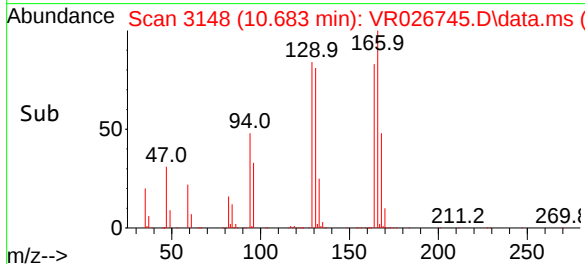
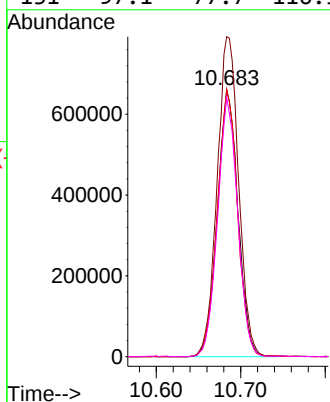
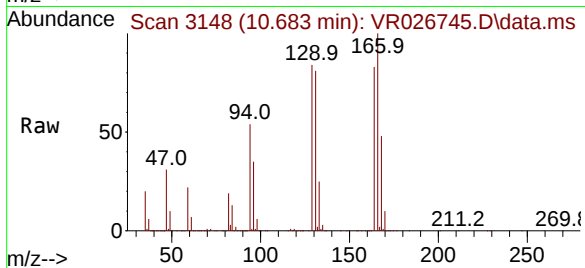
Ion Ratio Lower Upper

164 100

166 119.9 95.9 143.9

129 100.2 80.2 120.2

131 97.1 77.7 116.5



#64

Chlorobenzene

Concen: 51.020 ug/l

RT: 11.591 min Scan# 3431

Delta R.T. 0.000 min

Lab File: VR026745.D

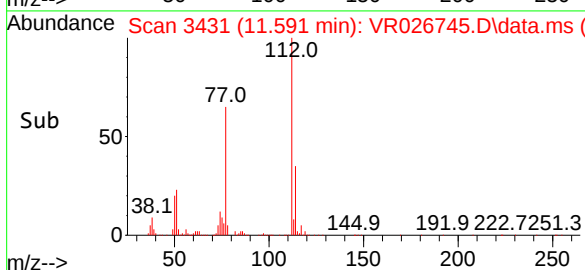
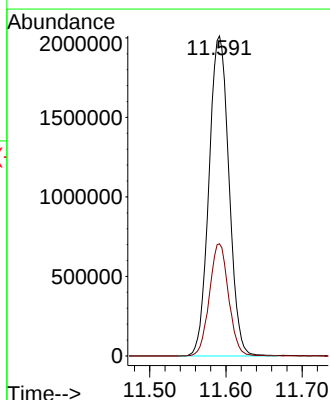
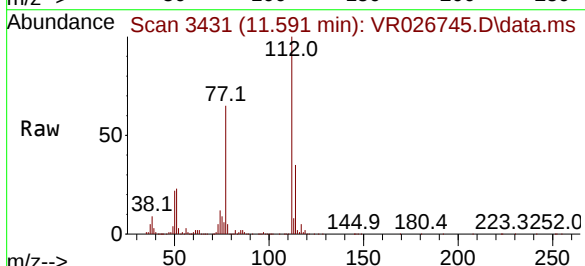
Acq: 20 Aug 2025 16:46

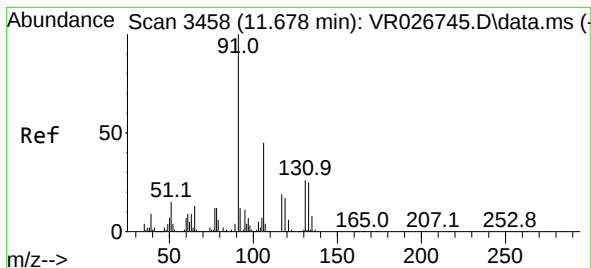
Tgt Ion:112 Resp: 3666192

Ion Ratio Lower Upper

112 100

114 35.0 28.0 42.0

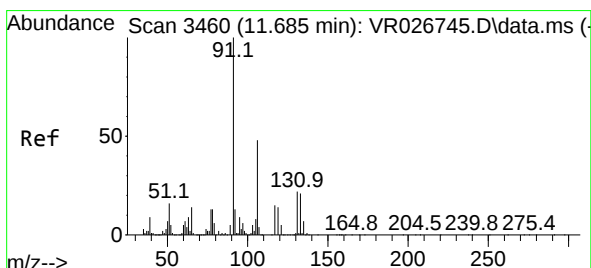
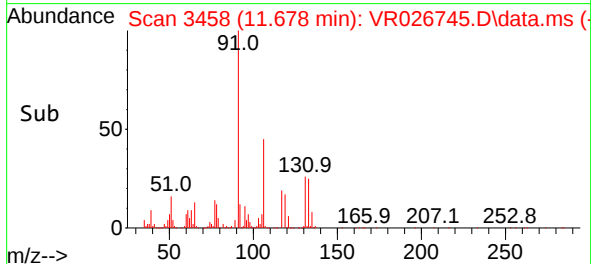
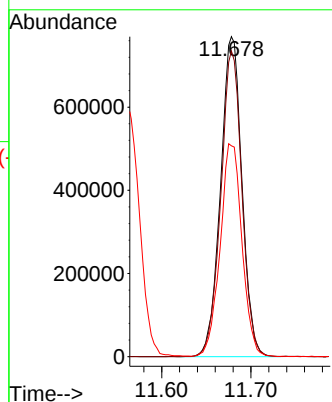
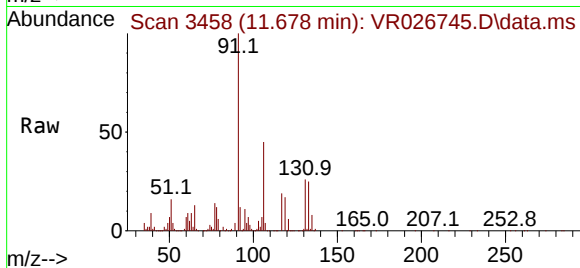




#65  
1,1,1,2-Tetrachloroethane  
Concen: 53.139 ug/l  
RT: 11.678 min Scan# 3458  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

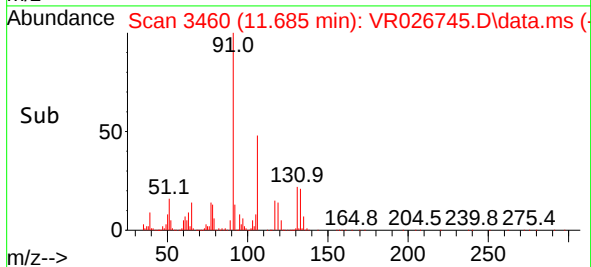
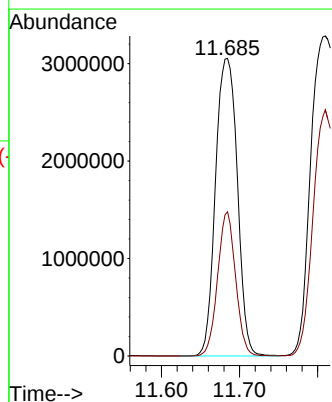
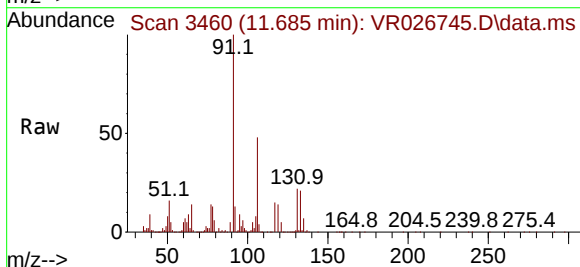
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

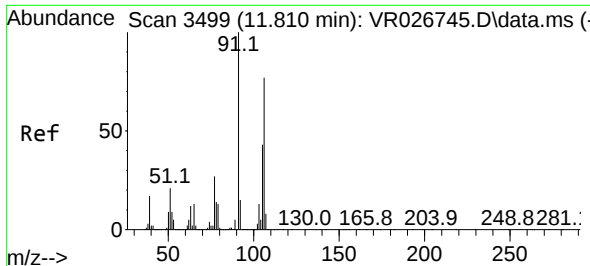
Tgt Ion:131 Resp: 1282061  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.3 141.8  
119 67.8 33.9 101.7



#66  
Ethyl Benzene  
Concen: 49.289 ug/l  
RT: 11.685 min Scan# 3460  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 91 Resp: 5921827  
Ion Ratio Lower Upper  
91 100  
106 48.4 38.7 58.1

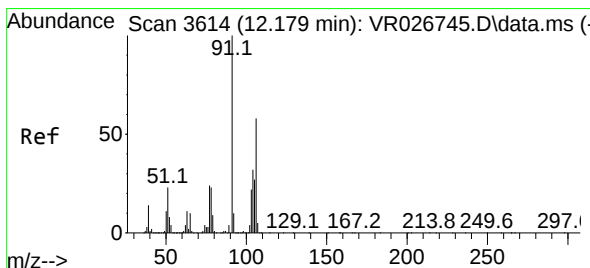
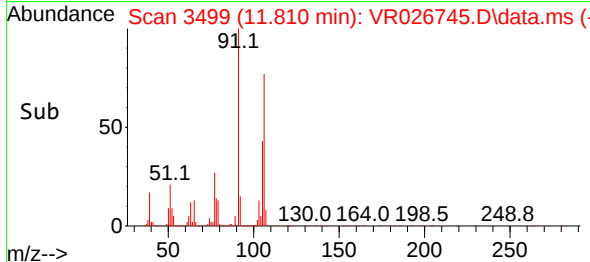
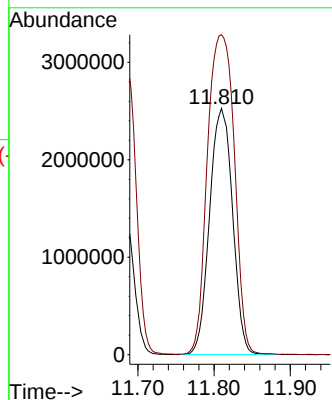
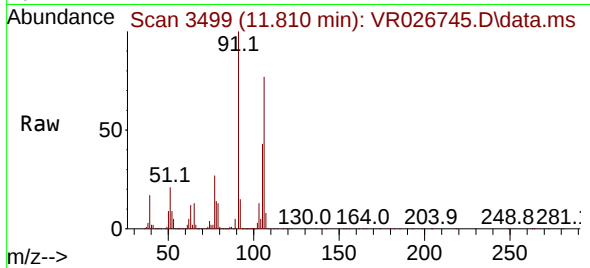




#67  
m/p-Xylenes  
Concen: 105.380 ug/l  
RT: 11.810 min Scan# 3499  
Delta R.T. -0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

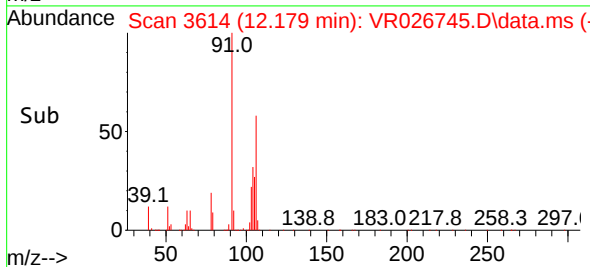
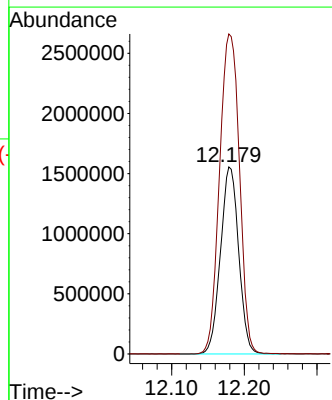
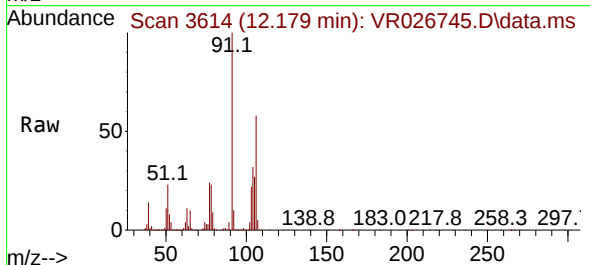
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

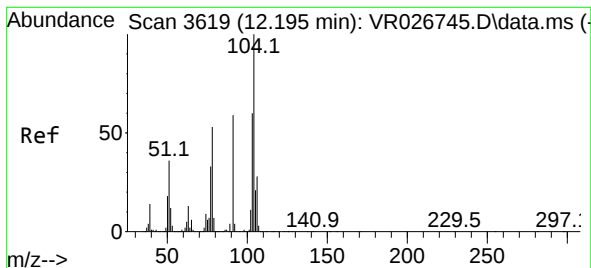
Tgt Ion:106 Resp: 5297864  
Ion Ratio Lower Upper  
106 100  
91 152.0 121.6 182.4



#68  
o-Xylene  
Concen: 52.957 ug/l  
RT: 12.179 min Scan# 3614  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion:106 Resp: 2697739  
Ion Ratio Lower Upper  
106 100  
91 187.4 93.7 281.1





#69

Styrene

Concen: 55.352 ug/l

RT: 12.195 min Scan# 3619

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

MSVOA\_R

ClientSampleId :

VSTDICCC050

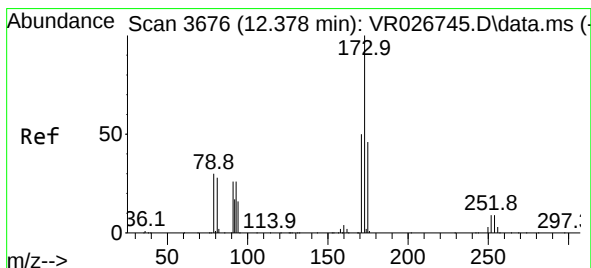
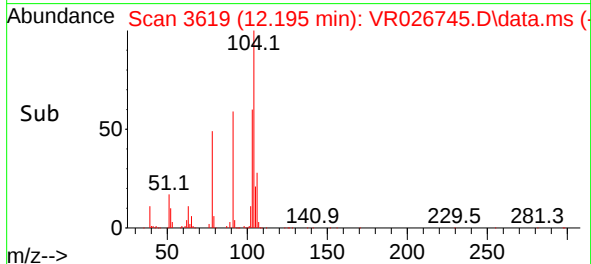
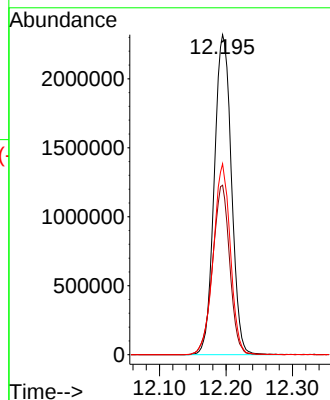
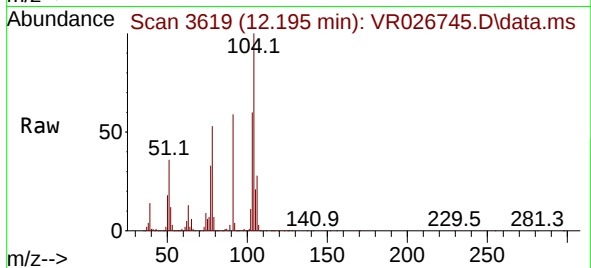
Tgt Ion:104 Resp: 4149366

Ion Ratio Lower Upper

104 100

78 53.1 42.5 63.7

103 59.4 47.5 71.3



#70

Bromoform

Concen: 56.664 ug/l

RT: 12.378 min Scan# 3676

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

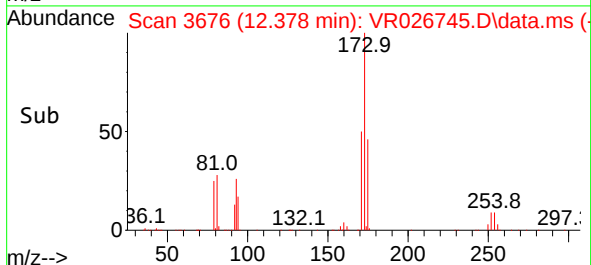
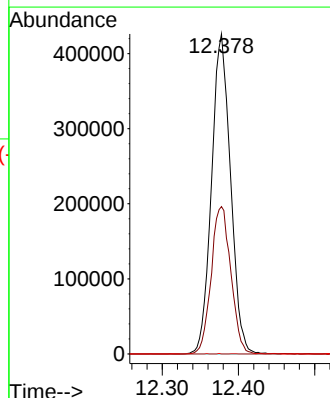
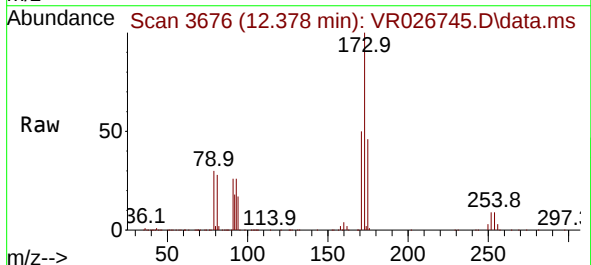
Tgt Ion:173 Resp: 737164

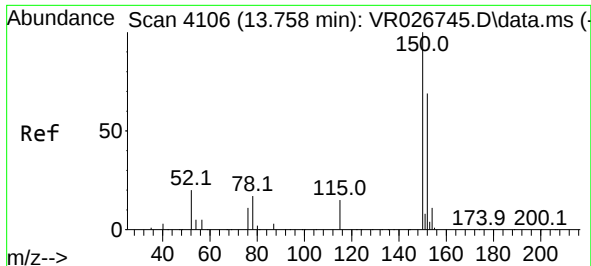
Ion Ratio Lower Upper

173 100

175 47.6 23.8 71.4

254 0.0 0.0 0.0#

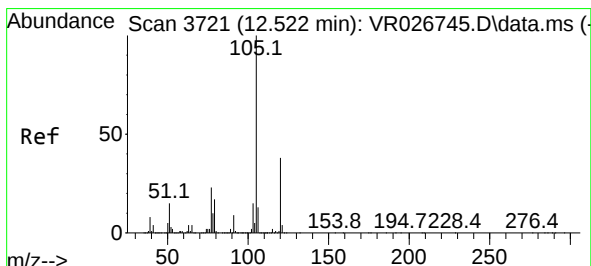
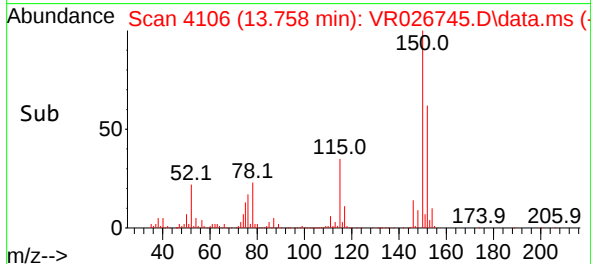
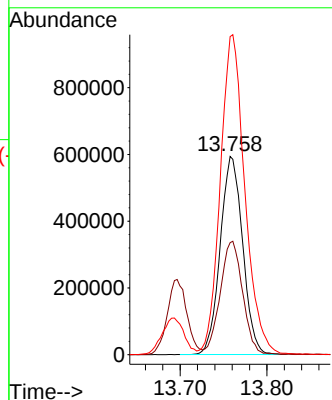
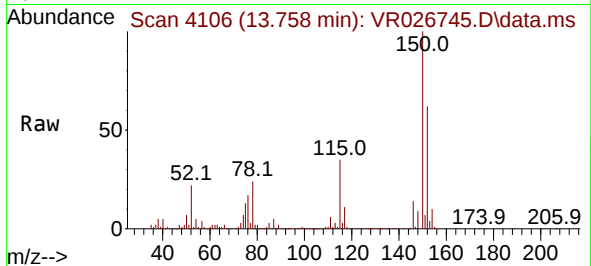




#71  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.758 min Scan# 4106  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

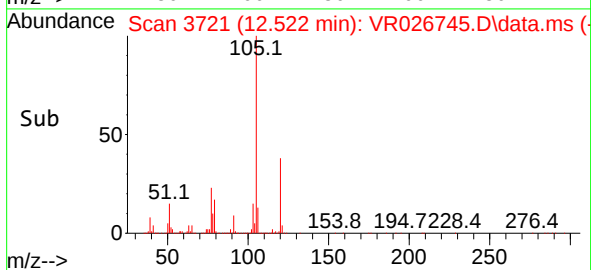
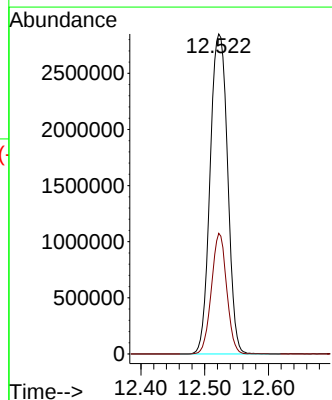
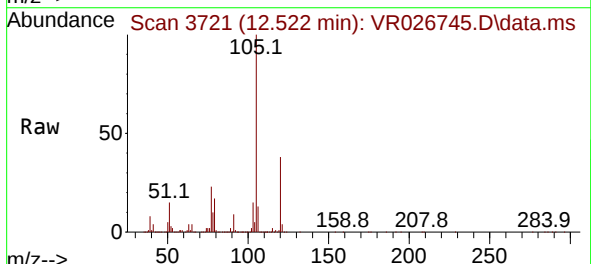
Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

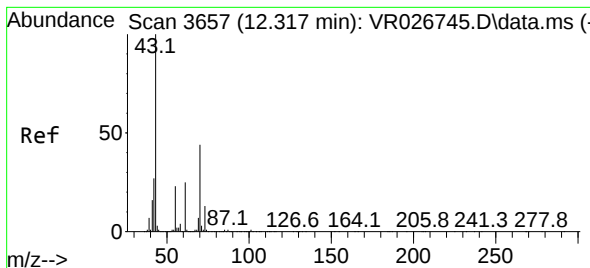
Tgt Ion:152 Resp: 1069664  
 Ion Ratio Lower Upper  
 152 100  
 115 57.0 28.5 85.5  
 150 176.0 0.0 352.0



#72  
 Isopropylbenzene  
 Concen: 46.713 ug/l  
 RT: 12.522 min Scan# 3721  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

Tgt Ion:105 Resp: 5423852  
 Ion Ratio Lower Upper  
 105 100  
 120 32.8 16.4 49.2





#73

N-ethyl acetate

Concen: 59.828 ug/l

RT: 12.317 min Scan# 30

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

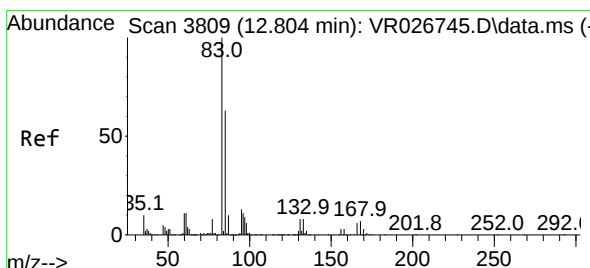
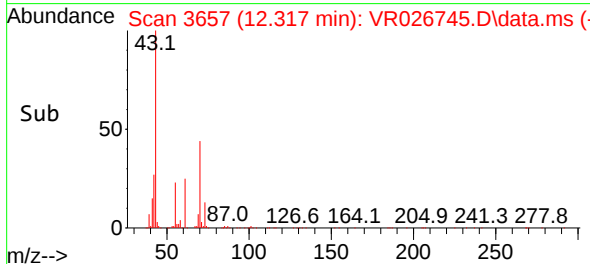
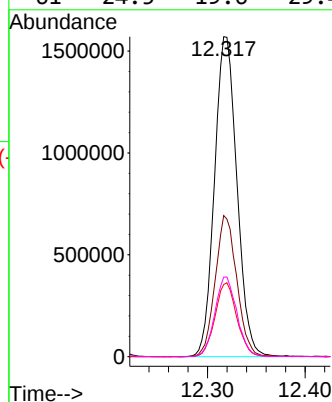
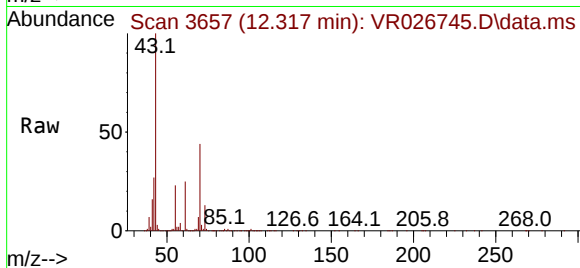
MSVOA\_R

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 2507956

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 42.6  | 34.1  | 51.1  |
| 55  | 22.6  | 18.1  | 27.1  |
| 61  | 24.5  | 19.6  | 29.4  |



#74

1,1,2,2-Tetrachloroethane

Concen: 51.389 ug/l

RT: 12.804 min Scan# 3809

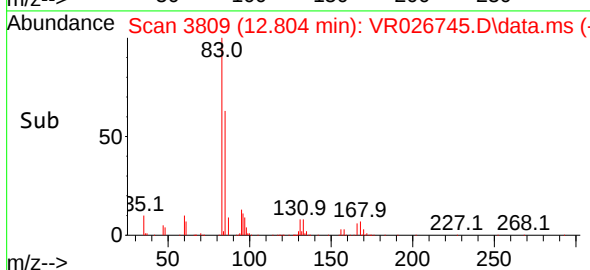
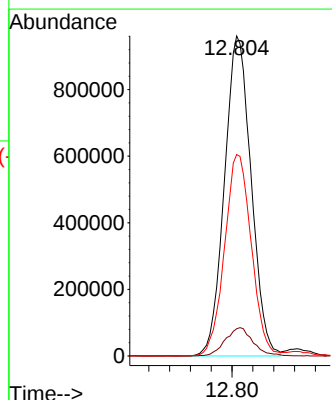
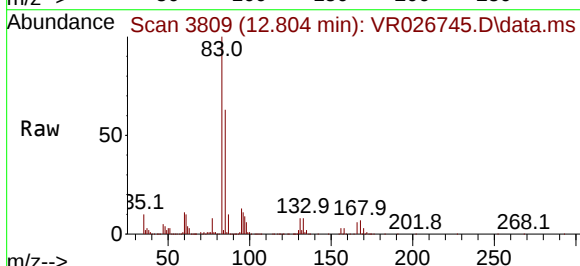
Delta R.T. 0.000 min

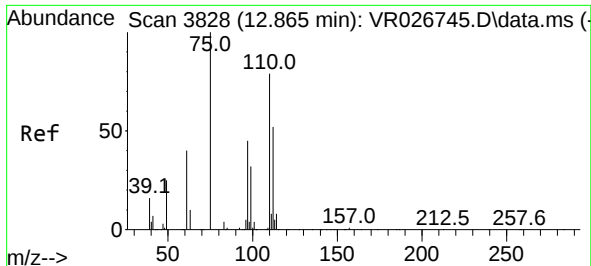
Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Tgt Ion: 83 Resp: 1708055

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 9.2   | 4.6   | 13.8  |
| 85  | 63.4  | 31.7  | 95.1  |

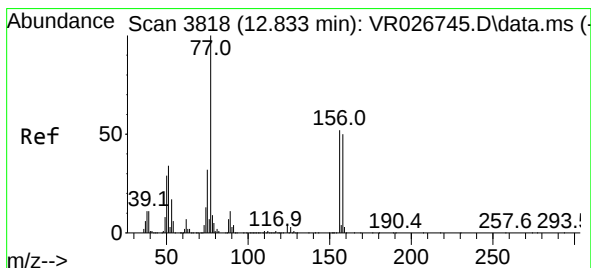
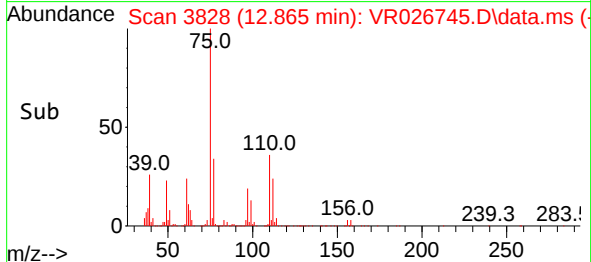
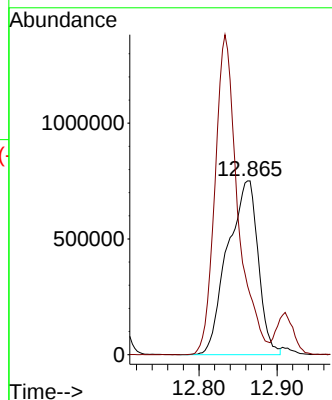
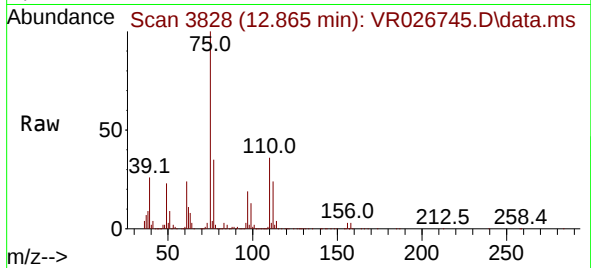




#75  
1,2,3-Trichloropropane  
Concen: 85.047 ug/l  
RT: 12.865 min Scan# 3828  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

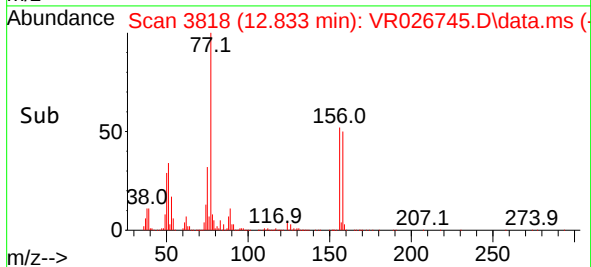
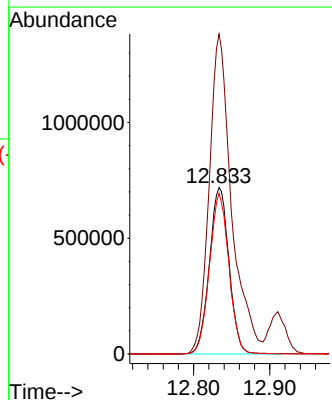
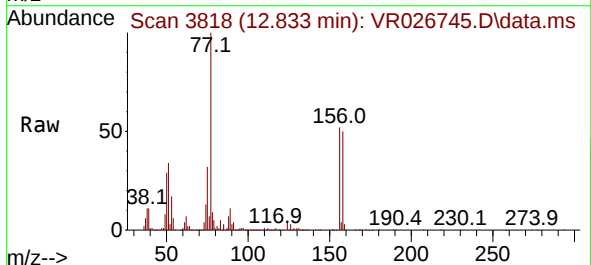
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

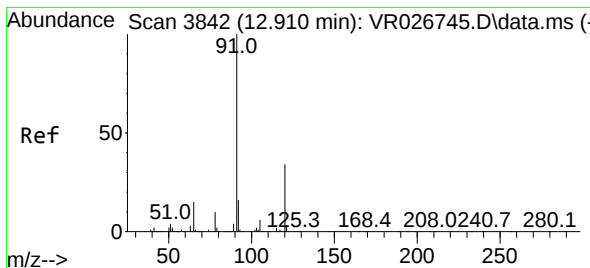
Tgt Ion: 75 Resp: 2047507  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



#76  
Bromobenzene  
Concen: 50.622 ug/l  
RT: 12.833 min Scan# 3818  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 156 Resp: 1286570  
Ion Ratio Lower Upper  
156 100  
77 219.6 109.8 329.4  
158 95.1 47.5 142.6





#77

n-propylbenzene

Concen: 47.024 ug/l

RT: 12.910 min Scan# 3842

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

MSVOA\_R

ClientSampleId :

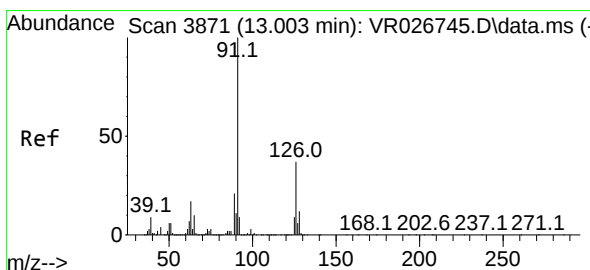
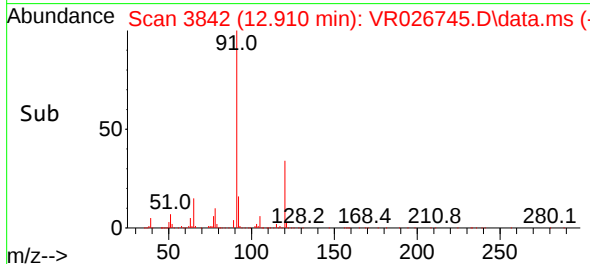
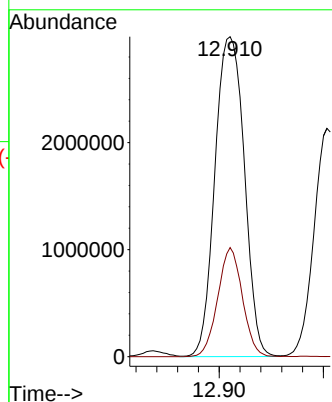
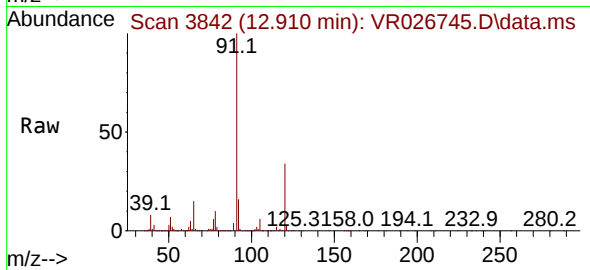
VSTDICCC050

Tgt Ion: 91 Resp: 5853511

Ion Ratio Lower Upper

91 100

120 28.5 14.2 42.8



#78

2-Chlorotoluene

Concen: 51.473 ug/l

RT: 13.003 min Scan# 3871

Delta R.T. 0.000 min

Lab File: VR026745.D

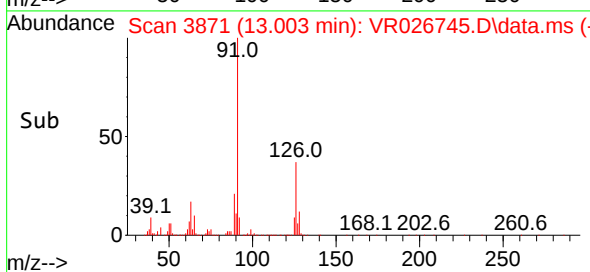
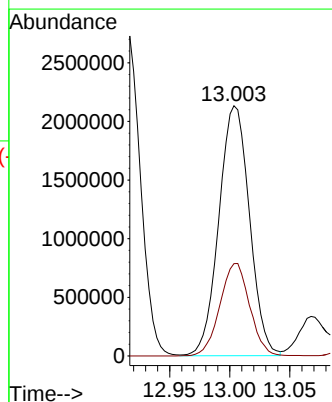
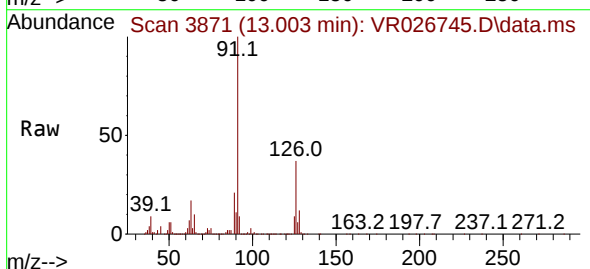
Acq: 20 Aug 2025 16:46

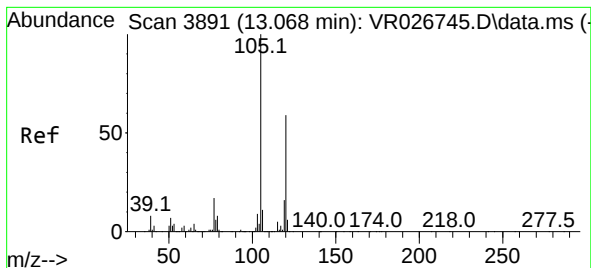
Tgt Ion: 91 Resp: 3783934

Ion Ratio Lower Upper

91 100

126 36.0 18.0 54.0





#79

1,3,5-Trimethylbenzene

Concen: 50.387 ug/l

RT: 13.068 min Scan# 3891

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

MSVOA\_R

ClientSampleId :

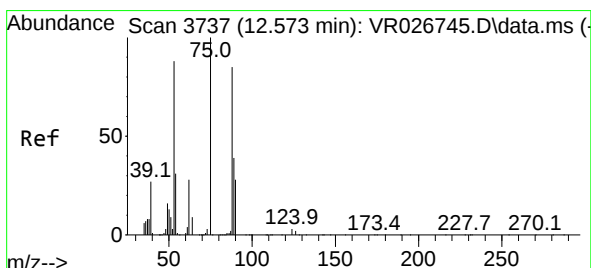
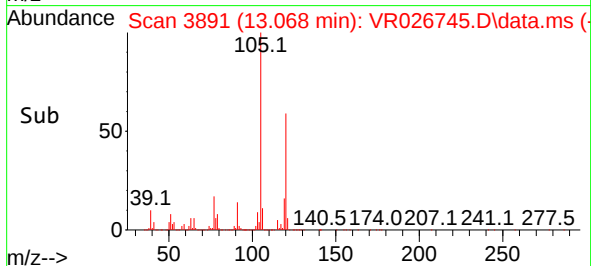
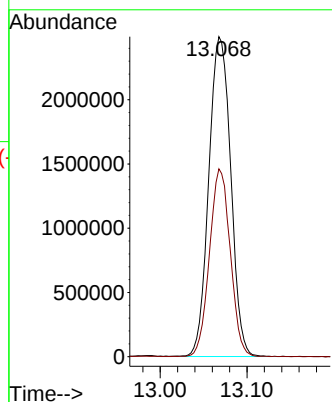
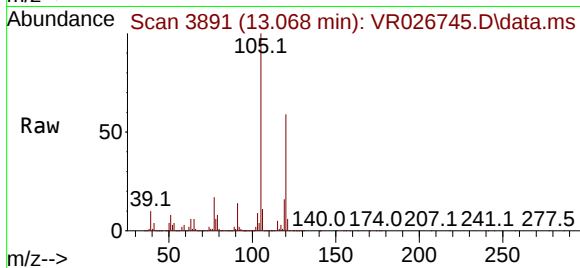
VSTDICCC050

Tgt Ion:105 Resp: 4368837

Ion Ratio Lower Upper

105 100

120 55.6 27.8 83.4



#80

trans-1,4-Dichloro-2-butene

Concen: 48.645 ug/l

RT: 12.573 min Scan# 3737

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

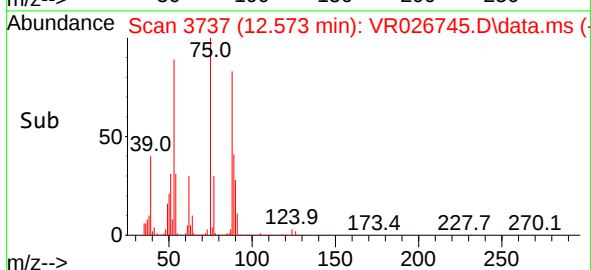
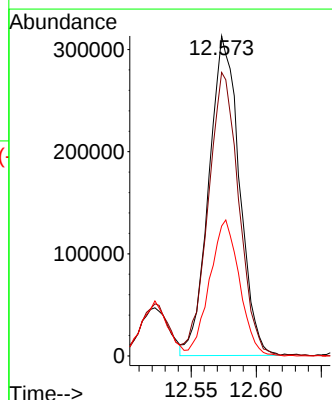
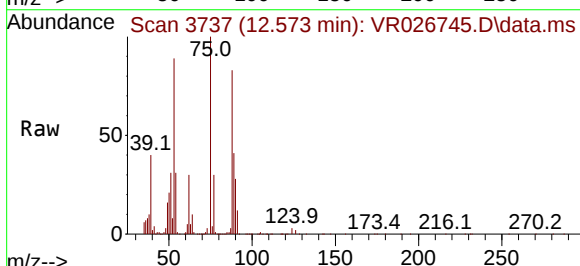
Tgt Ion: 75 Resp: 509569

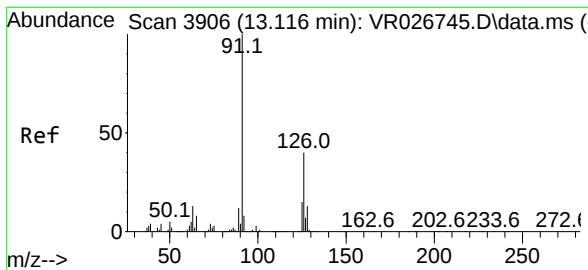
Ion Ratio Lower Upper

75 100

53 88.6 70.9 106.3

89 41.7 33.4 50.0

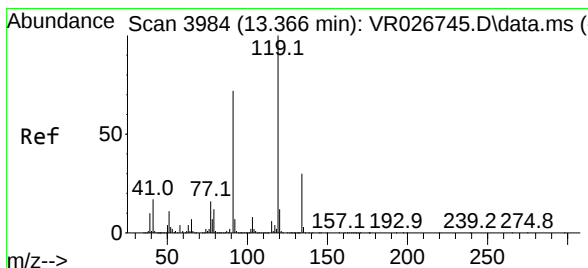
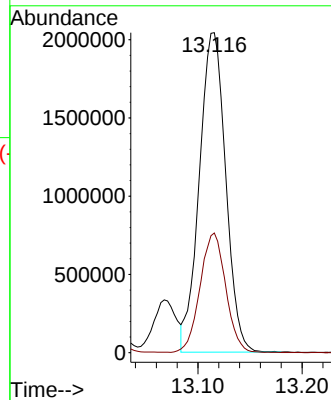
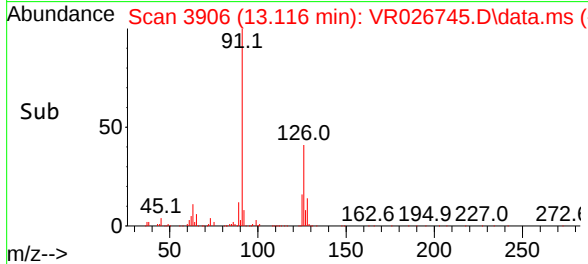
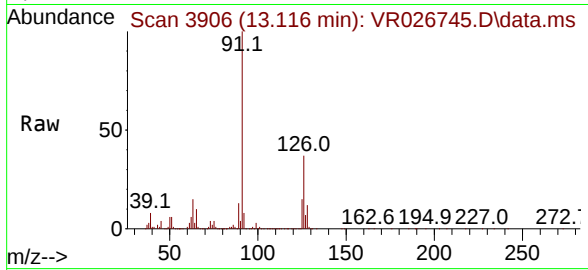




#81  
4-Chlorotoluene  
Concen: 53.337 ug/l  
RT: 13.116 min Scan# 3906  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

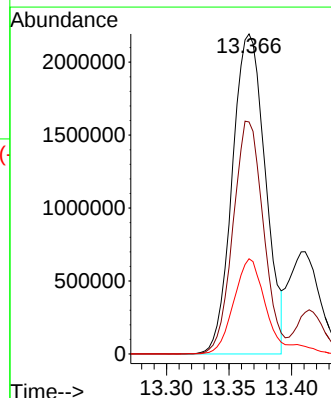
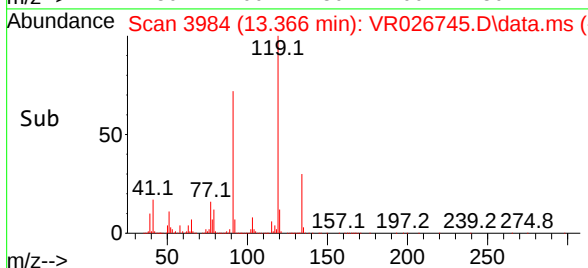
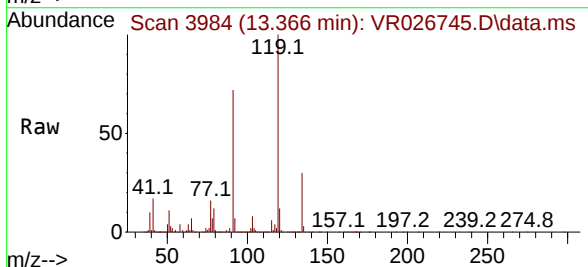
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

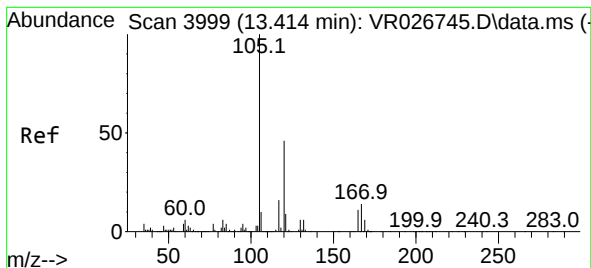
Tgt Ion: 91 Resp: 3592592  
Ion Ratio Lower Upper  
91 100  
126 36.4 18.2 54.6



#82  
tert-Butylbenzene  
Concen: 49.753 ug/l  
RT: 13.366 min Scan# 3984  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 119 Resp: 4033039  
Ion Ratio Lower Upper  
119 100  
91 67.0 33.5 100.5  
134 29.9 14.9 44.9





#83

1,2,4-Trimethylbenzene

Concen: 53.225 ug/l

RT: 13.414 min Scan# 3999

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

MSVOA\_R

ClientSampleId :

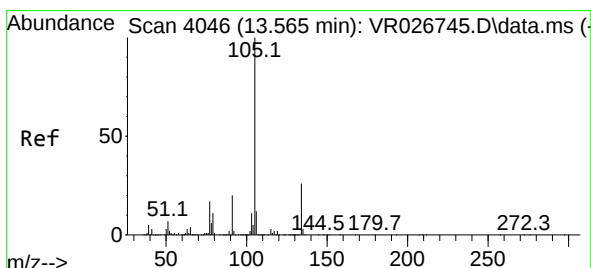
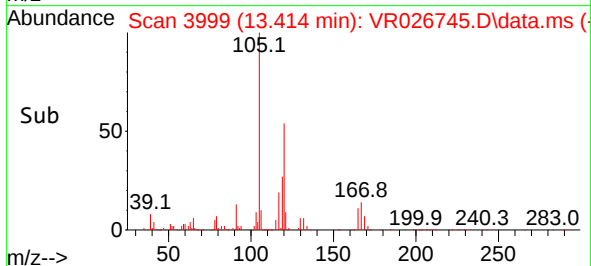
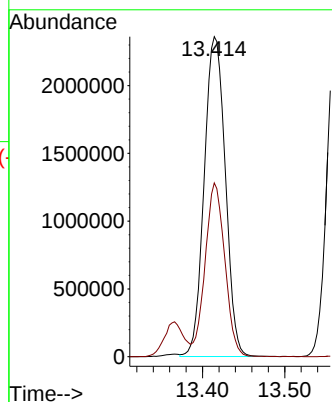
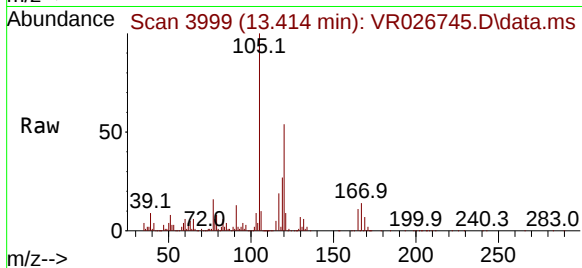
VSTDICCC050

Tgt Ion:105 Resp: 4208057

Ion Ratio Lower Upper

105 100

120 50.6 25.3 75.9



#84

sec-Butylbenzene

Concen: 49.276 ug/l

RT: 13.565 min Scan# 4046

Delta R.T. -0.000 min

Lab File: VR026745.D

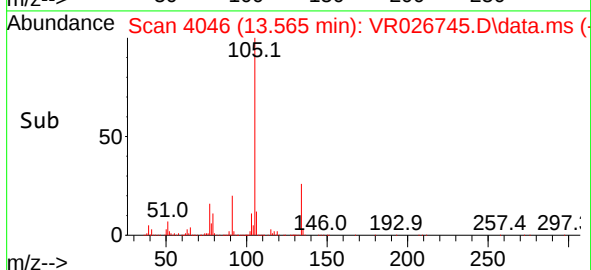
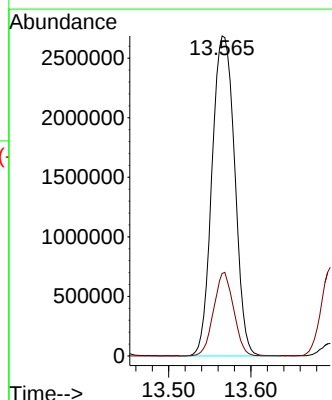
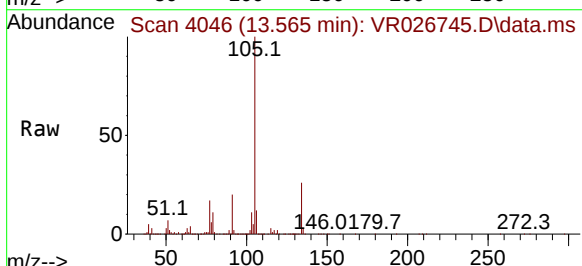
Acq: 20 Aug 2025 16:46

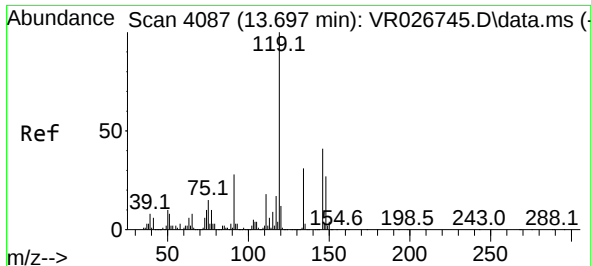
Tgt Ion:105 Resp: 5137828

Ion Ratio Lower Upper

105 100

134 23.1 11.6 34.7

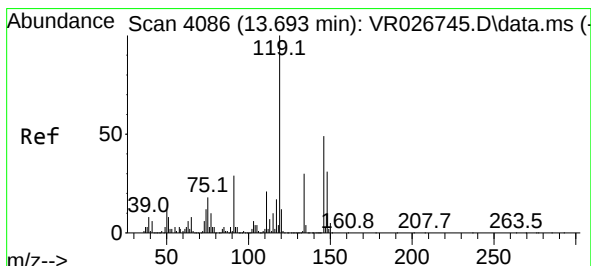
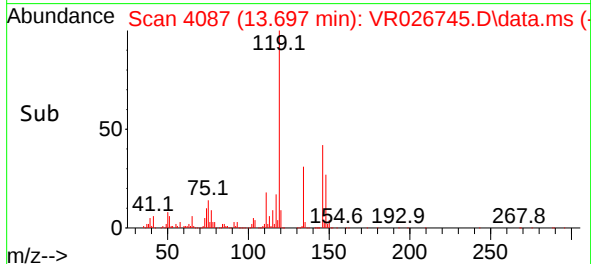
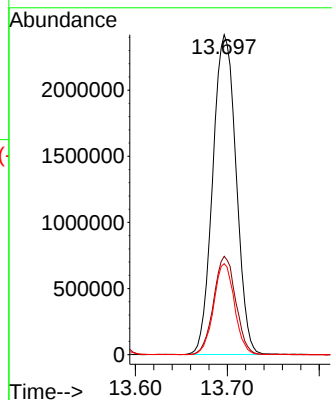
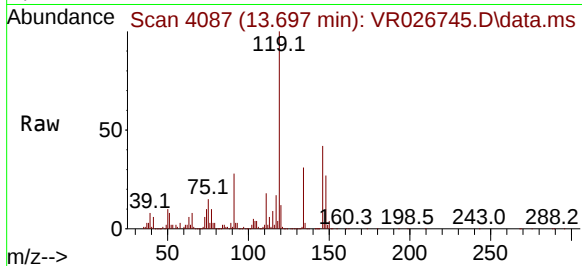




#85  
 p-Isopropyltoluene  
 Concen: 52.766 ug/l  
 RT: 13.697 min Scan# 4087  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

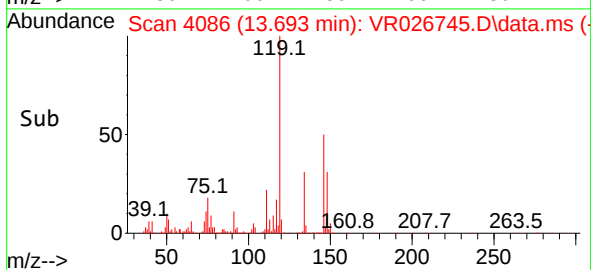
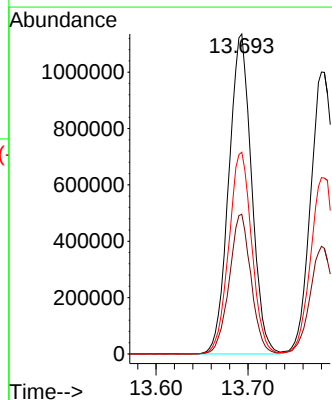
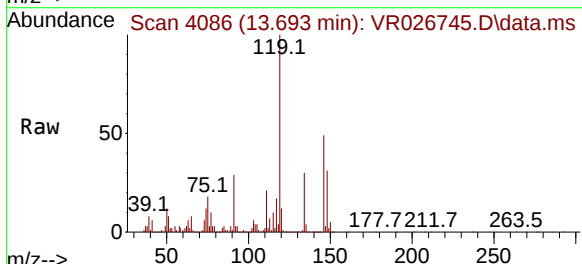
Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

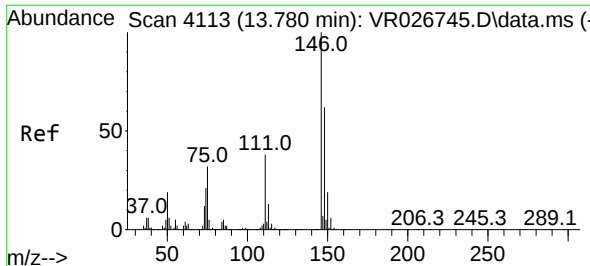
Tgt Ion:119 Resp: 4275106  
 Ion Ratio Lower Upper  
 119 100  
 134 28.8 14.4 43.2  
 91 25.3 12.7 38.0



#86  
 1,3-Dichlorobenzene  
 Concen: 51.756 ug/l  
 RT: 13.693 min Scan# 4086  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

Tgt Ion:146 Resp: 1953494  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 20.9 62.7  
 148 63.5 31.8 95.3

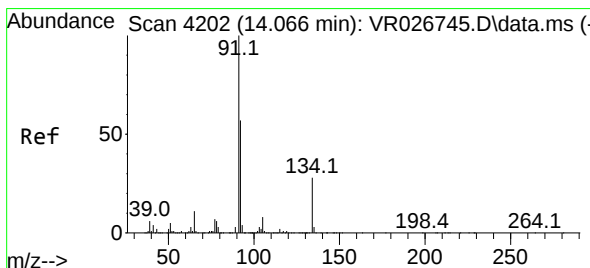
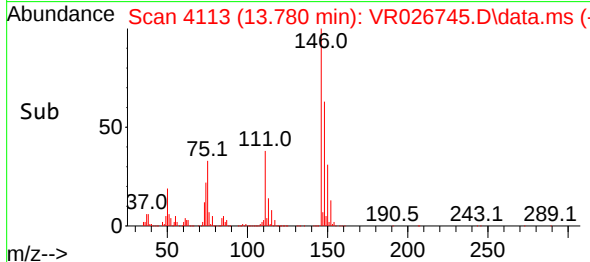
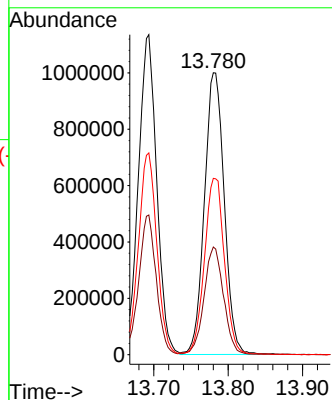
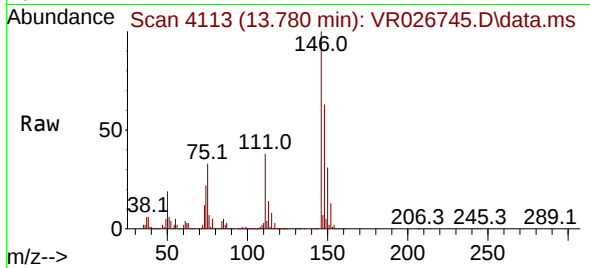




#87  
1,4-Dichlorobenzene  
Concen: 50.859 ug/l  
RT: 13.780 min Scan# 4113  
Delta R.T. -0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

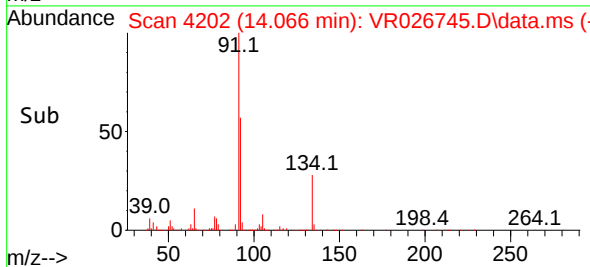
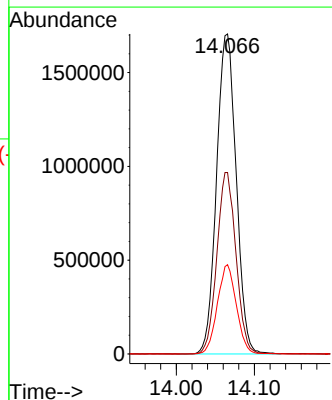
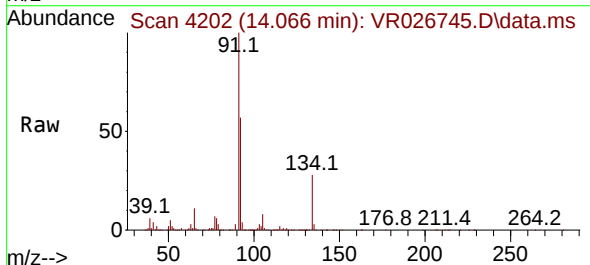
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

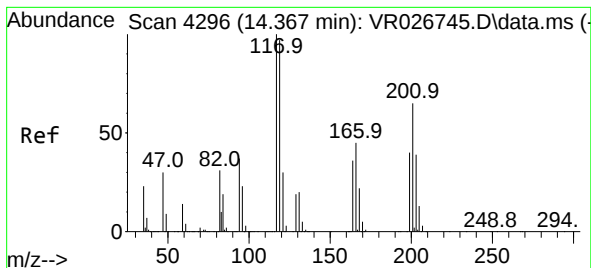
Tgt Ion:146 Resp: 1849442  
Ion Ratio Lower Upper  
146 100  
111 37.1 18.6 55.6  
148 63.0 31.5 94.5



#88  
n-Butylbenzene  
Concen: 51.432 ug/l  
RT: 14.066 min Scan# 4202  
Delta R.T. -0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Tgt Ion: 91 Resp: 2977365  
Ion Ratio Lower Upper  
91 100  
92 55.3 27.7 83.0  
134 27.0 13.5 40.5





#89

Hexachloroethane

Concen: 54.571 ug/l

RT: 14.367 min Scan# 4296

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

Instrument :

MSVOA\_R

ClientSampleId :

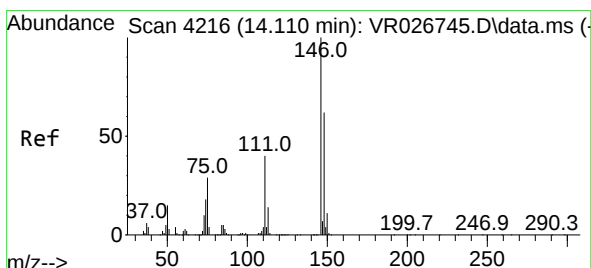
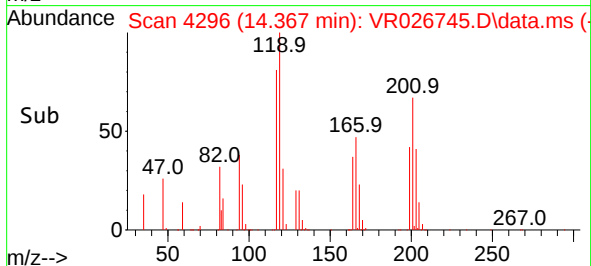
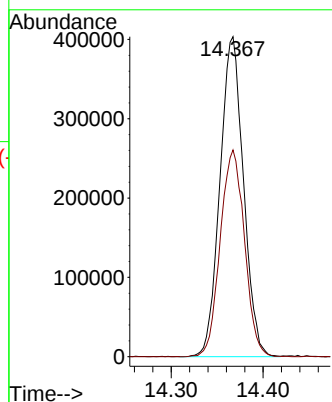
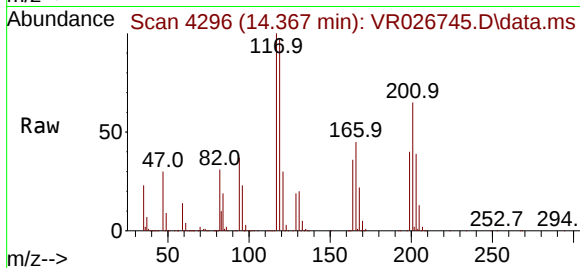
VSTDICCC050

Tgt Ion:117 Resp: 717145

Ion Ratio Lower Upper

117 100

201 66.6 33.3 99.9



#90

1,2-Dichlorobenzene

Concen: 47.497 ug/l

RT: 14.110 min Scan# 4216

Delta R.T. 0.000 min

Lab File: VR026745.D

Acq: 20 Aug 2025 16:46

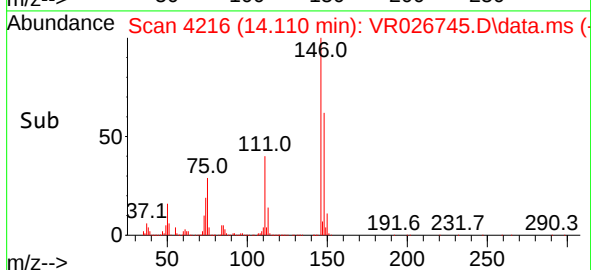
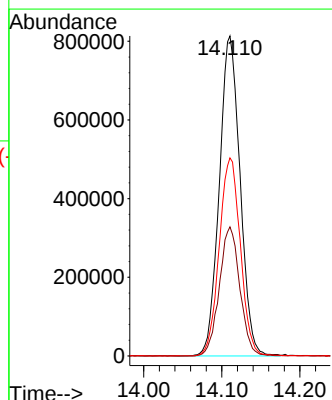
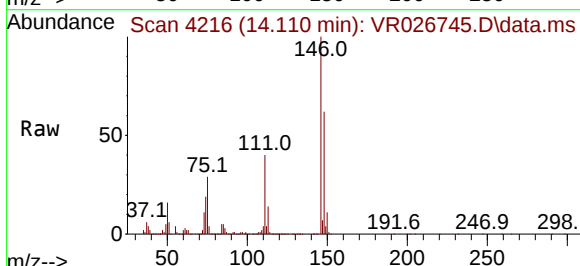
Tgt Ion:146 Resp: 1505545

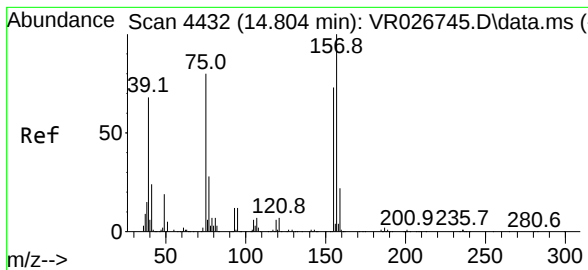
Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 63.0 31.5 94.5

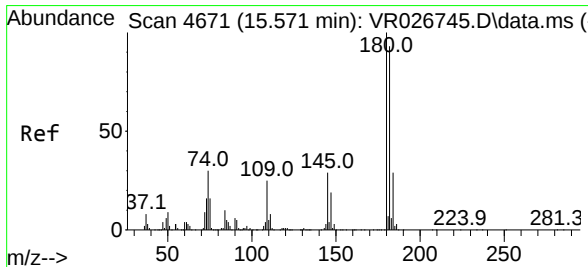
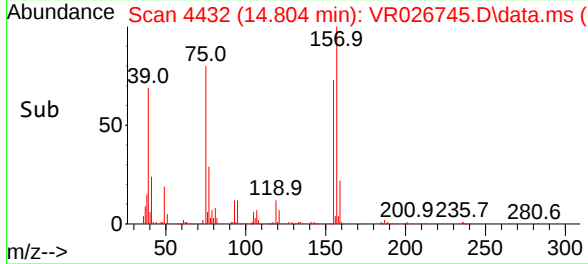
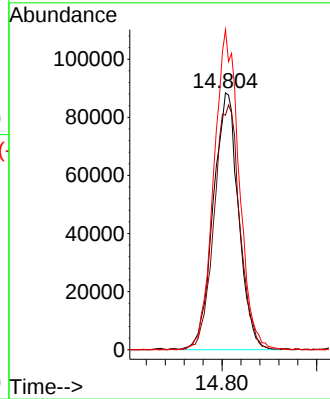
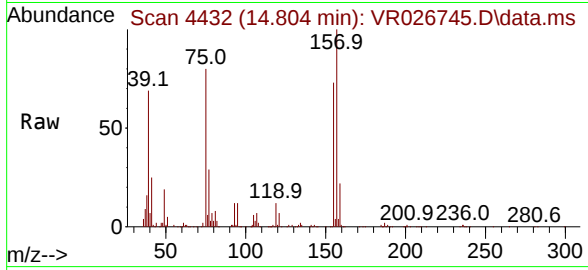




#91  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.652 ug/l  
 RT: 14.804 min Scan# 4432  
 Delta R.T. -0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

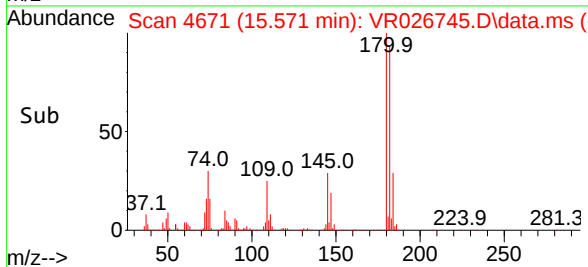
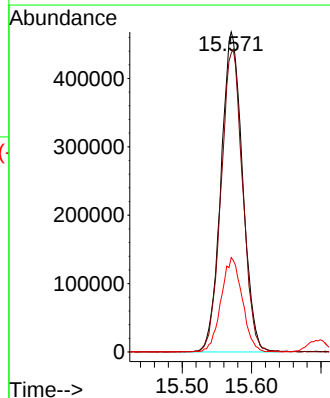
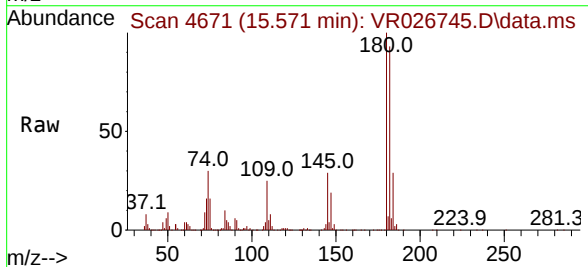
Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VSTDICCC050

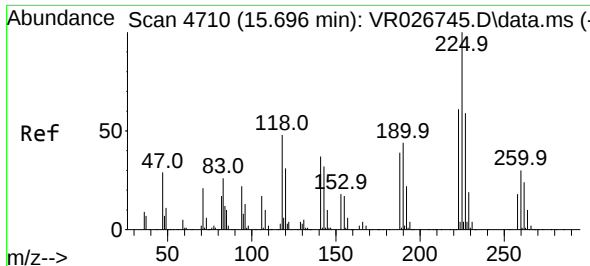
Tgt Ion: 75 Resp: 163690  
 Ion Ratio Lower Upper  
 75 100  
 155 96.9 48.4 145.3  
 157 124.5 62.3 186.8



#92  
 1,2,4-Trichlorobenzene  
 Concen: 48.454 ug/l  
 RT: 15.571 min Scan# 4671  
 Delta R.T. 0.000 min  
 Lab File: VR026745.D  
 Acq: 20 Aug 2025 16:46

Tgt Ion:180 Resp: 1009116  
 Ion Ratio Lower Upper  
 180 100  
 182 94.3 47.1 141.4  
 145 28.9 14.4 43.4

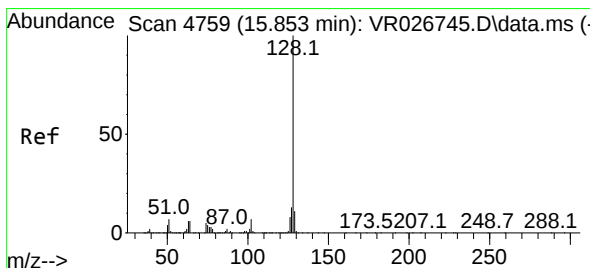
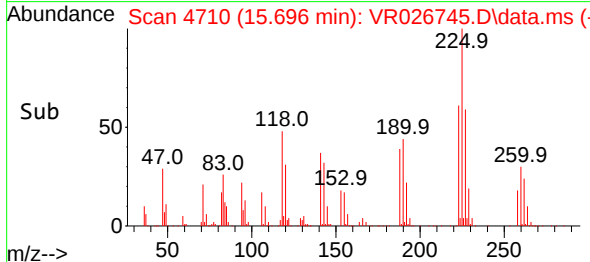
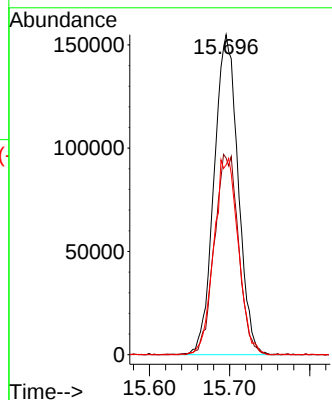
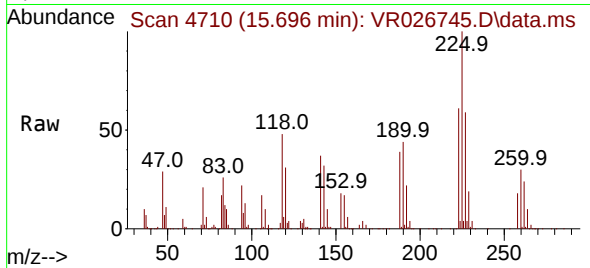




#93  
Hexachlorobutadiene  
Concen: 46.926 ug/l  
RT: 15.696 min Scan# 4710  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

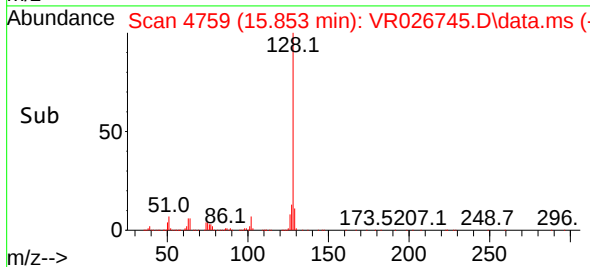
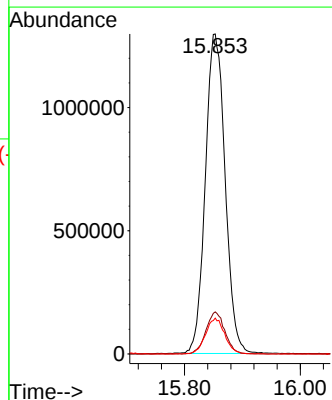
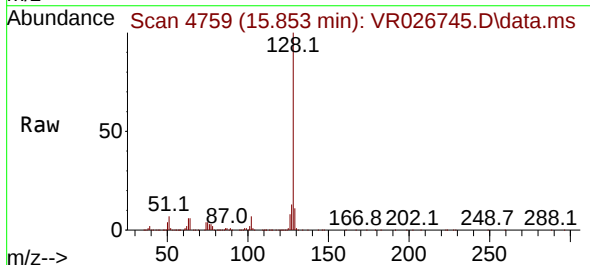
Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050

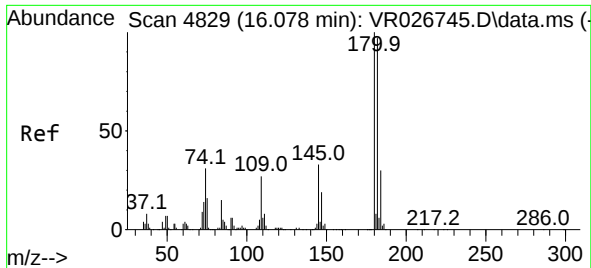
Tgt Ion:225 Resp: 322121  
Ion Ratio Lower Upper  
225 100  
223 63.0 31.5 94.5  
227 62.5 31.3 93.8



#94  
Naphthalene  
Concen: 51.712 ug/l  
RT: 15.853 min Scan# 4759  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

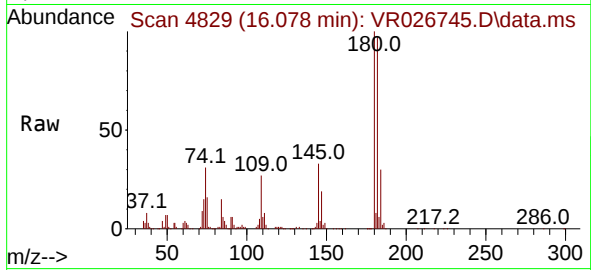
Tgt Ion:128 Resp: 3079405  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.0 15.0  
129 10.9 8.7 13.1





#95  
1,2,3-Trichlorobenzene  
Concen: 48.241 ug/l  
RT: 16.078 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VR026745.D  
Acq: 20 Aug 2025 16:46

Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTDICCC050



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 47.5  | 142.6 |
| 145     | 31.2  | 15.6  | 46.8  |

