

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101323\  
 Data File : VN079569.D  
 Acq On : 13 Oct 2023 16:11  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 13 23:32:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 06 03:34:49 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 258038   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 444702   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 403370   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 178204   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 201621   | 48.190   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 96.380%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 161071   | 50.401   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 100.800% |
| 50) Toluene-d8              | 10.571 | 98    | 596201   | 51.560   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 103.120% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 193617   | 52.175   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 104.360% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 152843  | 41.336  | ug/l   | 99  |
| 3) Chloromethane             | 2.365 | 50  | 174152  | 37.747  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.518 | 62  | 197261  | 41.105  | ug/l   | 95  |
| 5) Bromomethane              | 2.942 | 94  | 114694  | 39.924  | ug/l   | 98  |
| 6) Chloroethane              | 3.112 | 64  | 135037  | 37.324  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 246416  | 43.490  | ug/l   | 94  |
| 8) Diethyl Ether             | 3.965 | 74  | 91375   | 45.236  | ug/l   | 69  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 138456  | 41.815  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.589 | 142 | 156527  | 54.477  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 109980  | 174.653 | ug/l # | 86  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 131333  | 43.078  | ug/l   | 84  |
| 13) Acrolein                 | 4.177 | 56  | 112811  | 179.918 | ug/l   | 96  |
| 14) Allyl chloride           | 5.024 | 41  | 204687  | 41.604  | ug/l   | 90  |
| 15) Acrylonitrile            | 5.724 | 53  | 380822  | 208.598 | ug/l   | 99  |
| 16) Acetone                  | 4.424 | 43  | 354829  | 213.821 | ug/l   | 91  |
| 17) Carbon Disulfide         | 4.712 | 76  | 369359  | 38.840  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.024 | 43  | 308947  | 38.037  | ug/l # | 84  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 457254  | 46.160  | ug/l   | 93  |
| 20) Methylene Chloride       | 5.277 | 84  | 165368  | 45.452  | ug/l # | 85  |
| 21) trans-1,2-Dichloroethene | 5.794 | 96  | 145320  | 40.811  | ug/l   | 88  |
| 22) Diisopropyl ether        | 6.671 | 45  | 515480  | 46.725  | ug/l # | 89  |
| 23) Vinyl Acetate            | 6.606 | 43  | 1419566 | 228.755 | ug/l # | 87  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 298350  | 44.188  | ug/l   | 97  |
| 25) 2-Butanone               | 7.488 | 43  | 507229  | 205.939 | ug/l # | 81  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 244619  | 47.408  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 176161  | 45.539  | ug/l   | 87  |
| 28) Bromochloromethane       | 7.812 | 49  | 166746  | 51.905  | ug/l # | 73  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 324916  | 203.973 | ug/l # | 76  |
| 30) Chloroform               | 7.965 | 83  | 307837  | 45.125  | ug/l   | 90  |
| 31) Cyclohexane              | 8.259 | 56  | 241041  | 40.615  | ug/l # | 83  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 256298  | 44.643  | ug/l   | 93  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 225148  | 46.941  | ug/l   | 95  |
| 37) Ethyl Acetate            | 7.565 | 43  | 207330  | 43.441  | ug/l # | 93  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 221231  | 46.073  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 212505  | 46.114  | ug/l # | 88  |
| 40) Benzene                  | 8.606 | 78  | 666959  | 46.822  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101323\  
 Data File : VN079569.D  
 Acq On : 13 Oct 2023 16:11  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 13 23:32:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 06 03:34:49 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 112037   | 44.652  | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 238029   | 45.988  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 352190   | 42.121  | ug/l # | 90       |
| 44) Trichloroethene           | 9.353  | 130  | 152830   | 45.584  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 174609   | 46.524  | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 114367   | 47.050  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.888  | 83   | 239950   | 47.989  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.682  | 41   | 161873   | 45.178  | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 57116    | 865.422 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1038492  | 220.018 | ug/l   | 90       |
| 52) Toluene                   | 10.635 | 92   | 409015   | 48.780  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 248802   | 49.377  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 274284   | 49.725  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 160125   | 47.568  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 234314   | 50.655  | ug/l # | 82       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 283052   | 48.696  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 445483   | 251.477 | ug/l   | 90       |
| 59) 2-Hexanone                | 11.200 | 43   | 742267   | 217.929 | ug/l   | 88       |
| 60) Dibromochloromethane      | 11.365 | 129  | 169786   | 50.186  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 154905   | 46.370  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 122678   | 44.210  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.894 | 112  | 415916   | 46.300  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 158734   | 48.260  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 770858   | 49.371  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.076 | 106  | 577202   | 101.743 | ug/l   | 95       |
| 69) o-Xylene                  | 12.400 | 106  | 275387   | 49.359  | ug/l   | 92       |
| 70) Styrene                   | 12.412 | 104  | 464625   | 52.722  | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 111064   | 46.137  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 712110   | 42.953  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 281733   | 41.452  | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 226746   | 42.183  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 277873   | 54.081  | ug/l   | 71       |
| 77) Bromobenzene              | 12.982 | 156  | 163549   | 40.232  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.041 | 91   | 847725   | 45.194  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 503731   | 41.968  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 584509   | 44.711  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 69365    | 39.171  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 490175   | 42.916  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.441 | 119  | 464793   | 43.394  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 581512   | 46.610  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.617 | 105  | 666611   | 44.619  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 543796   | 47.447  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 284715   | 44.159  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 277515   | 41.685  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 449835   | 49.150  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.335 | 117  | 108866   | 46.719  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 270723   | 43.046  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 34118    | 35.589  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 87905    | 45.130  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 61756    | 40.708  | ug/l   | 99       |
| 95) Naphthalene               | 15.647 | 128  | 223671   | 37.604  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 92095    | 39.620  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101323\  
Data File : VN079569.D  
Acq On : 13 Oct 2023 16:11  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

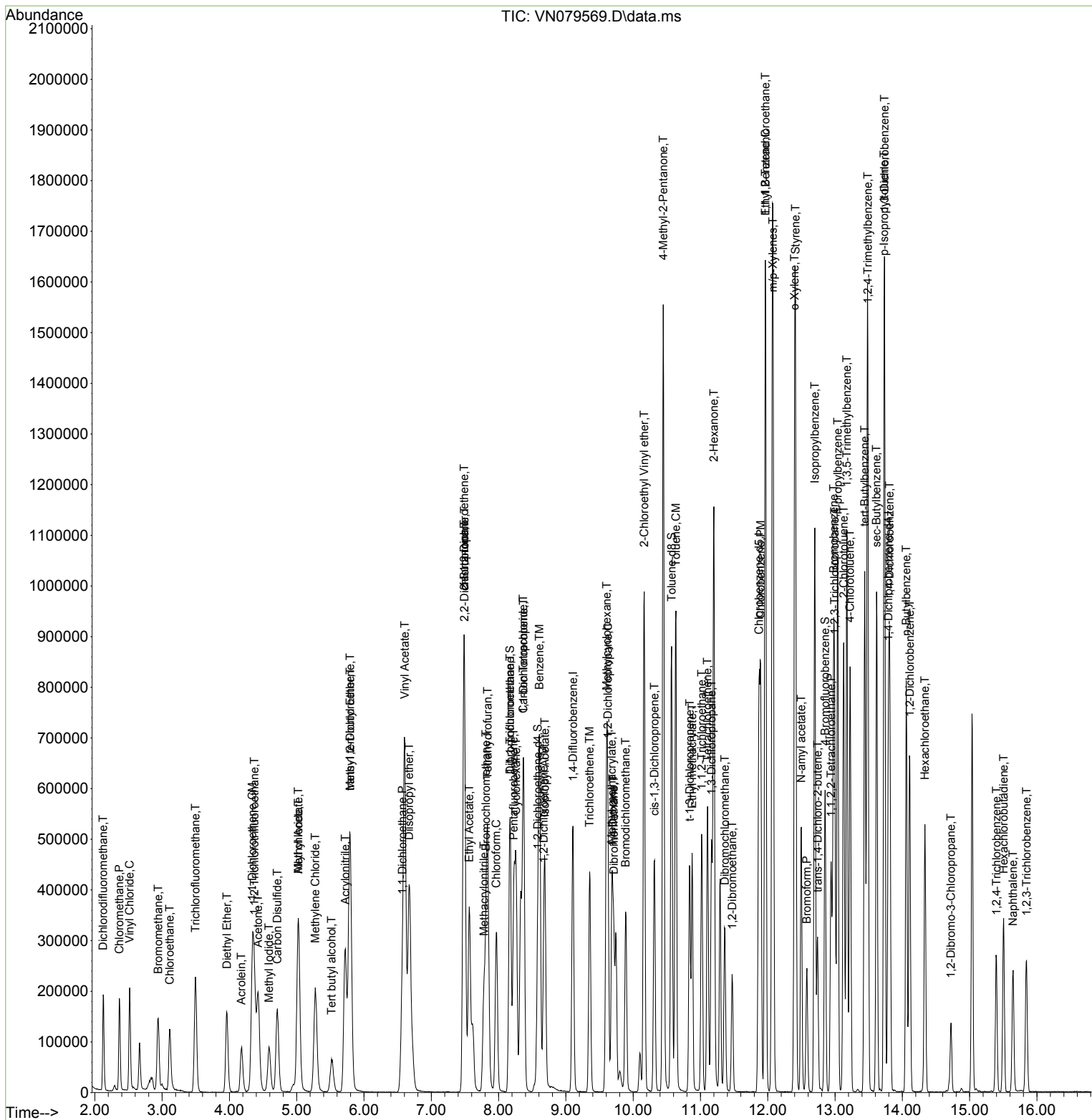
Instrument :  
MSVOA\_N  
ClientSampleId :

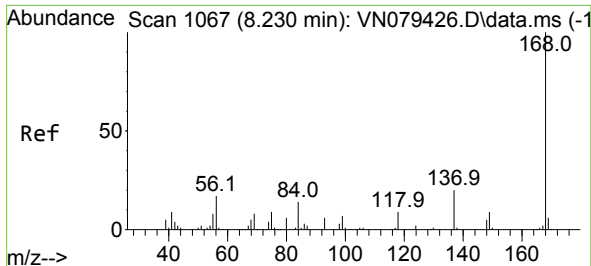
Quant Time: Oct 13 23:32:07 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100523W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 06 03:34:49 2023  
Response via : Initial Calibration

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

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

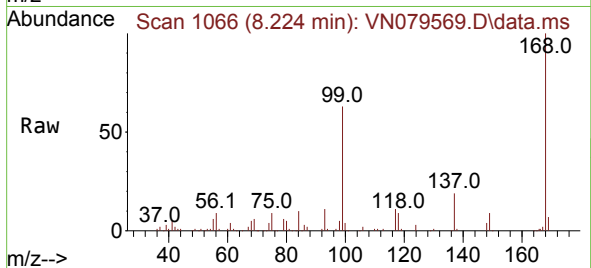
Quant Time: Oct 13 23:32:07 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100523W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 06 03:34:49 2023  
Response via : Initial Calibration



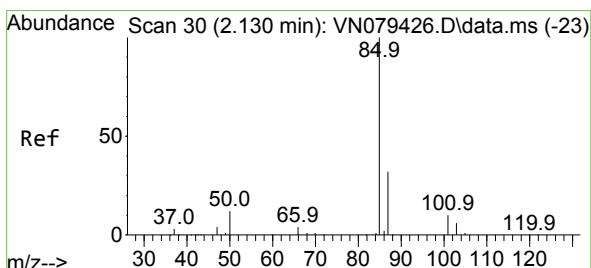
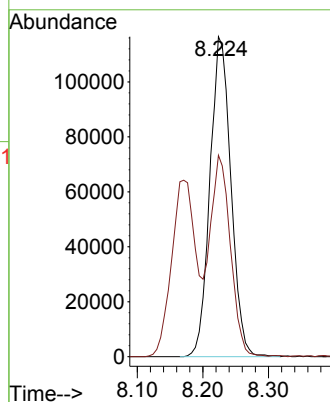
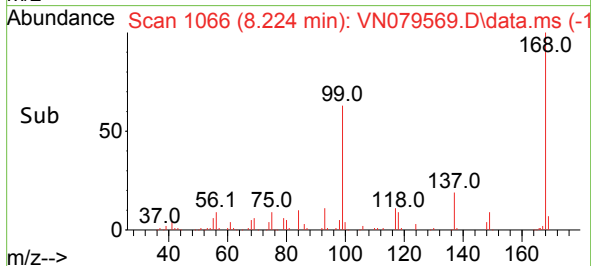


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Instrument :  
MSVOA\_N  
ClientSampleId :

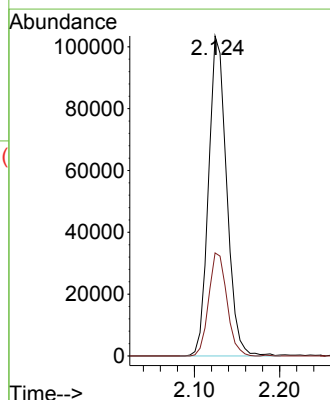
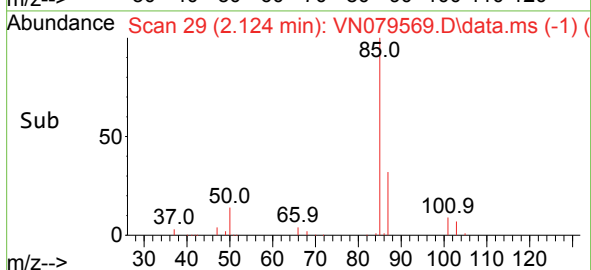
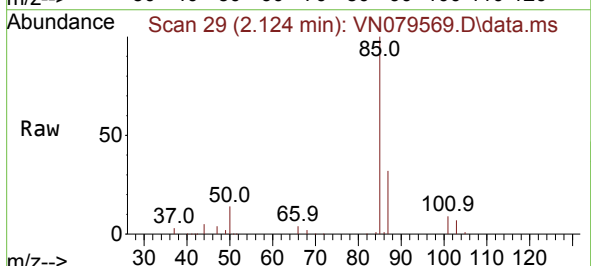


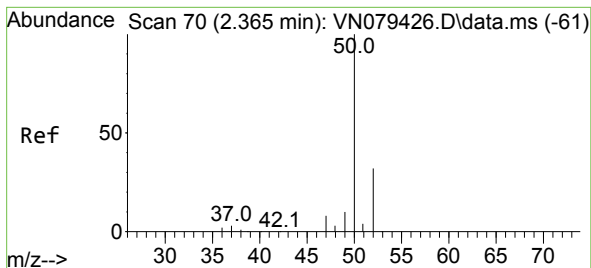
Tgt Ion:168 Resp: 258038  
Ion Ratio Lower Upper  
168 100  
99 62.6 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 41.336 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 85 Resp: 152843  
Ion Ratio Lower Upper  
85 100  
87 32.2 15.8 47.4





#3

Chloromethane

Concen: 37.747 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

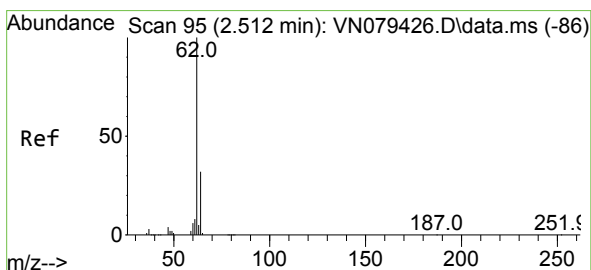
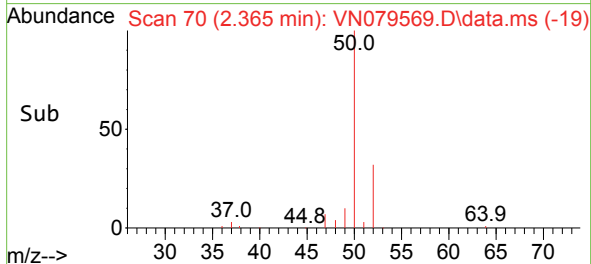
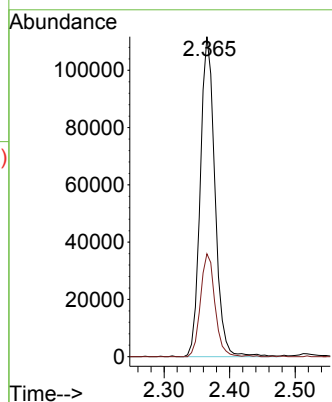
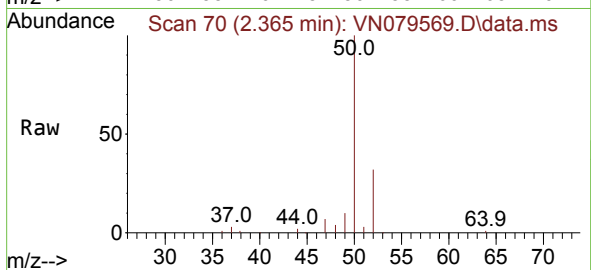
ClientSampleId :

Tgt Ion: 50 Resp: 174152

Ion Ratio Lower Upper

50 100

52 32.1 26.5 39.7



#4

Vinyl Chloride

Concen: 41.105 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079569.D

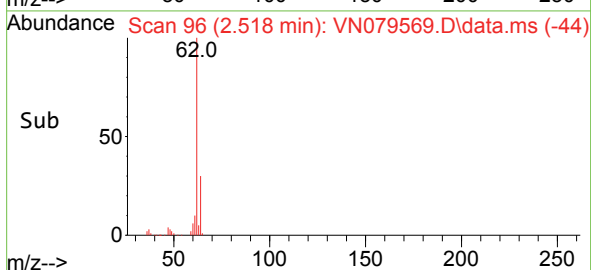
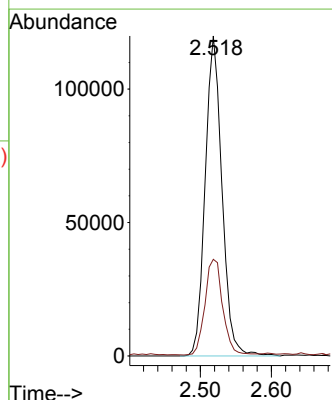
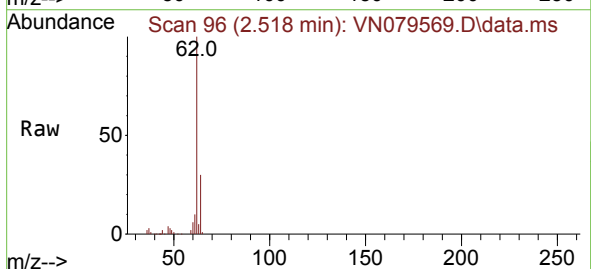
Acq: 13 Oct 2023 16:11

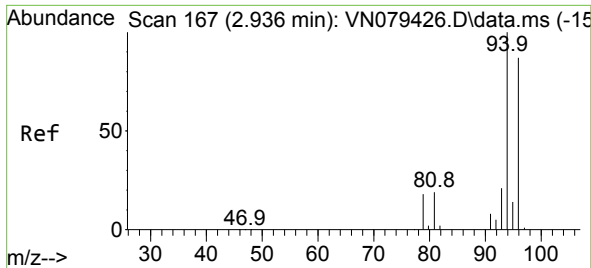
Tgt Ion: 62 Resp: 197261

Ion Ratio Lower Upper

62 100

64 29.9 26.2 39.2

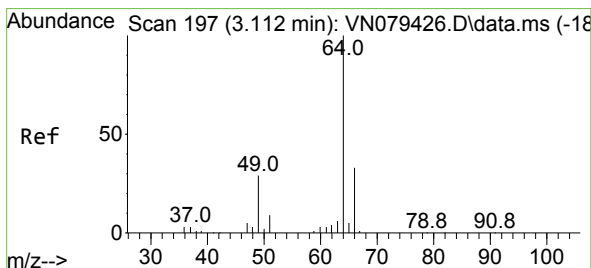
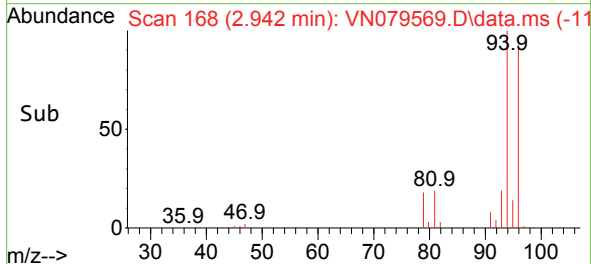
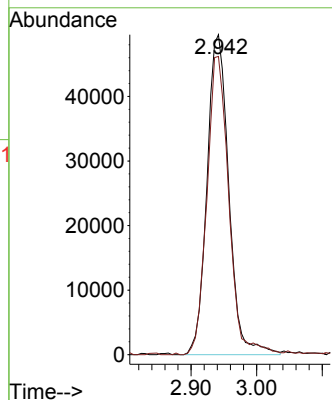
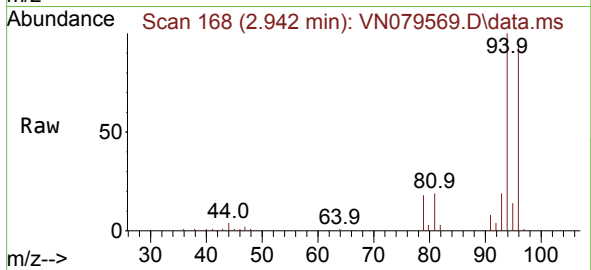




#5  
Bromomethane  
Concen: 39.924 ug/l  
RT: 2.942 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

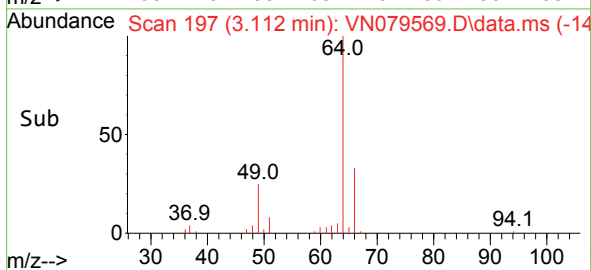
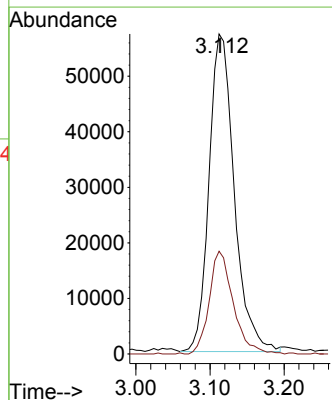
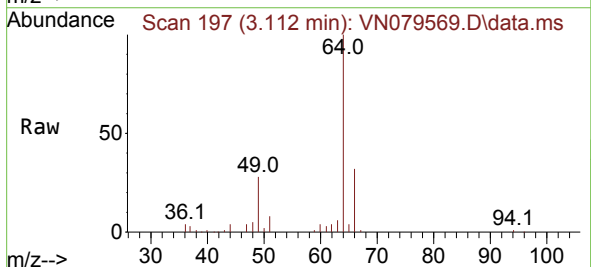
Instrument :  
MSVOA\_N  
ClientSampleId :

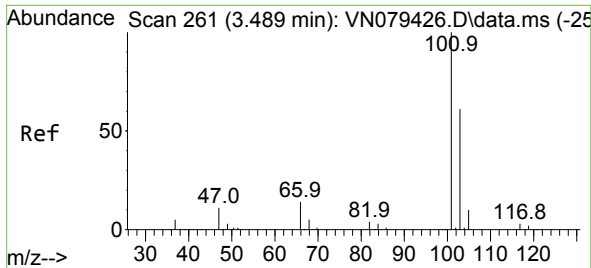
Tgt Ion: 94 Resp: 114694  
Ion Ratio Lower Upper  
94 100  
96 93.2 73.1 109.7



#6  
Chloroethane  
Concen: 37.324 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 64 Resp: 135037  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.4 38.2

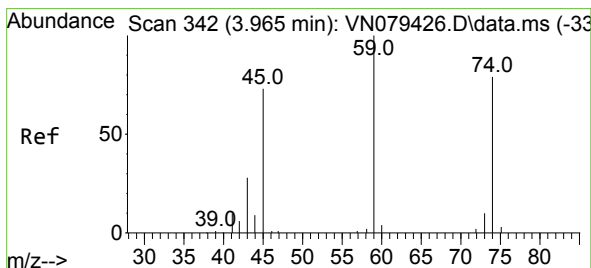
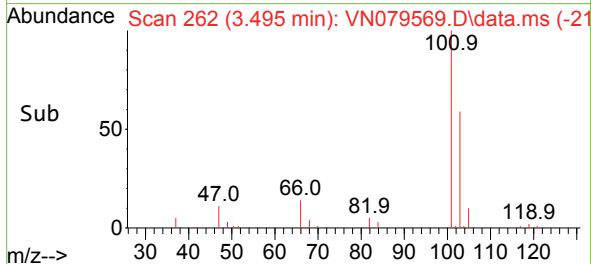
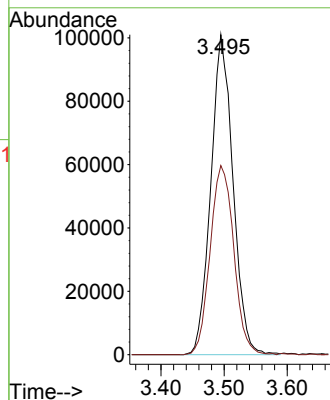
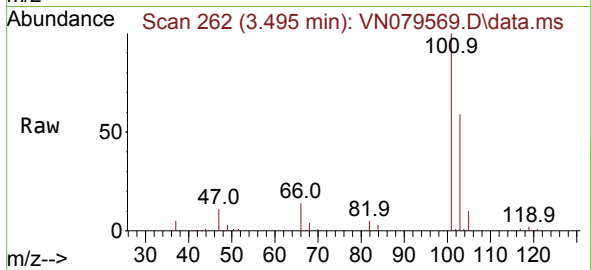




#7  
 Trichlorofluoromethane  
 Concen: 43.490 ug/l  
 RT: 3.495 min Scan# 210  
 Delta R.T. 0.006 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

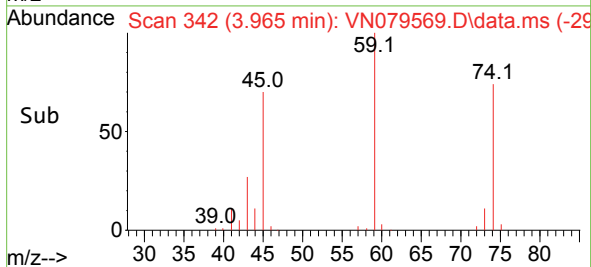
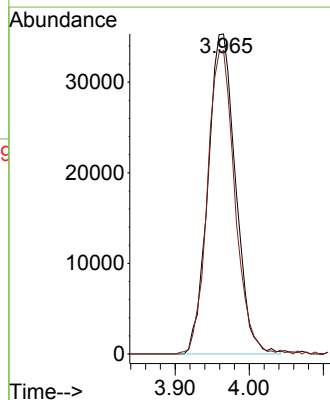
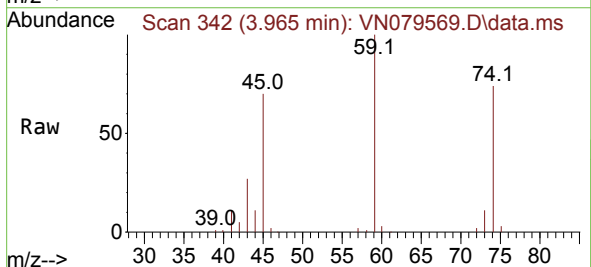
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:101 Resp: 246416  
 Ion Ratio Lower Upper  
 101 100  
 103 59.1 50.7 76.1



#8  
 Diethyl Ether  
 Concen: 45.236 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.000 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

Tgt Ion: 74 Resp: 91375  
 Ion Ratio Lower Upper  
 74 100  
 45 93.9 34.4 103.3

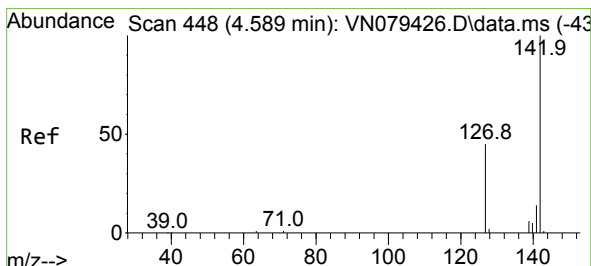
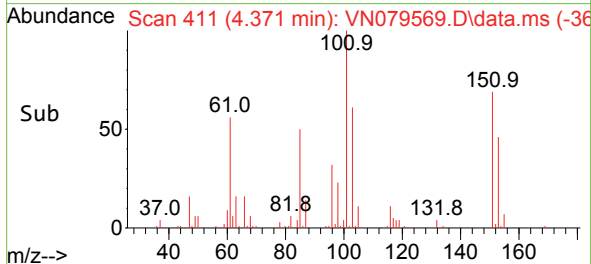
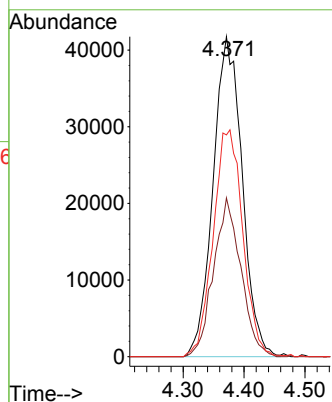
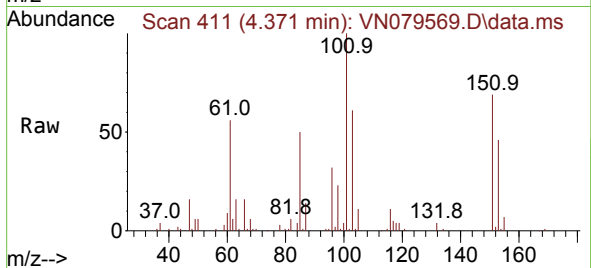




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 41.815 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

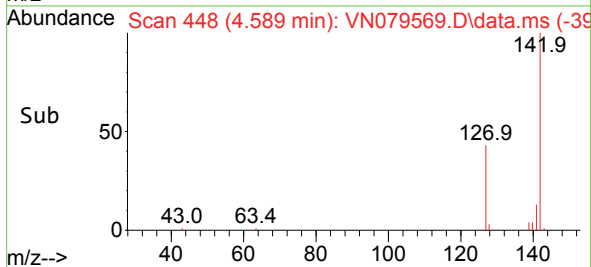
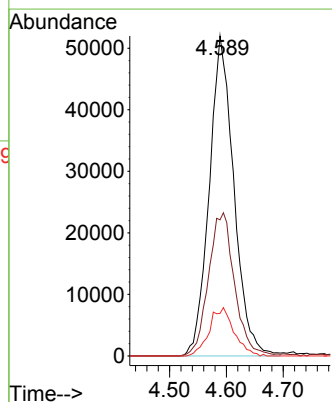
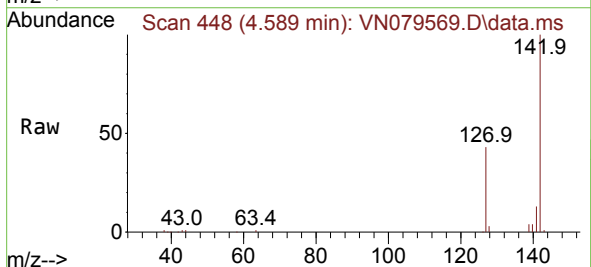
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 138456  
Ion Ratio Lower Upper  
101 100  
85 46.7 36.6 55.0  
151 72.2 57.6 86.4



#10  
Methyl Iodide  
Concen: 54.477 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion:142 Resp: 156527  
Ion Ratio Lower Upper  
142 100  
127 42.5 37.6 56.4  
141 13.3 11.4 17.0

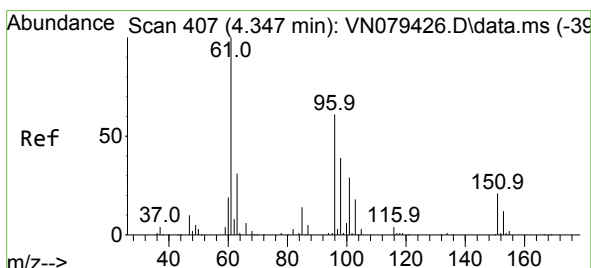
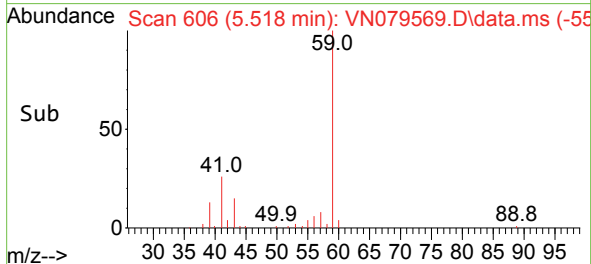
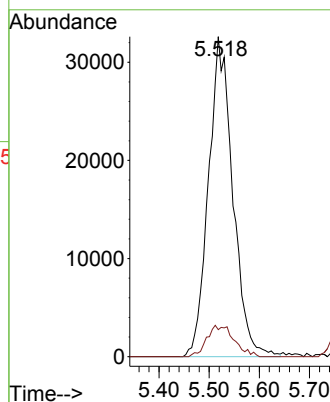
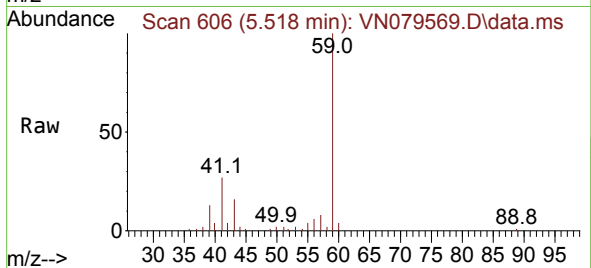




#11  
Tert butyl alcohol  
Concen: 174.653 ug/l  
RT: 5.518 min Scan# 608  
Delta R.T. -0.012 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

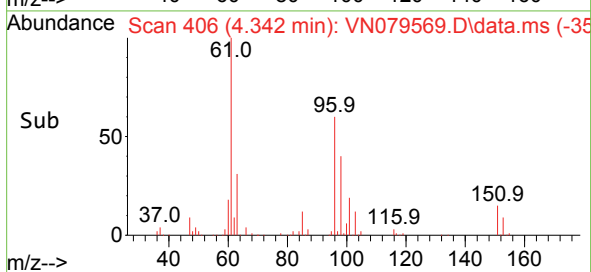
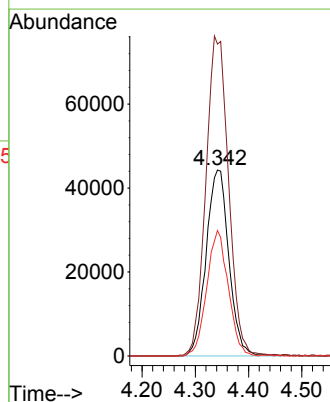
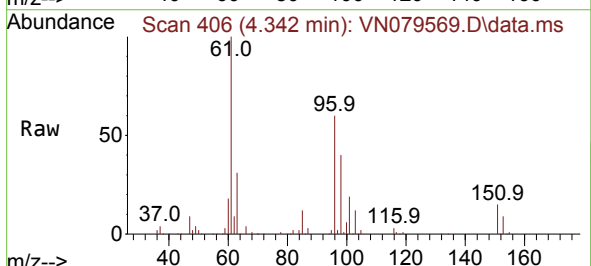
Instrument :  
MSVOA\_N  
ClientSampleId :

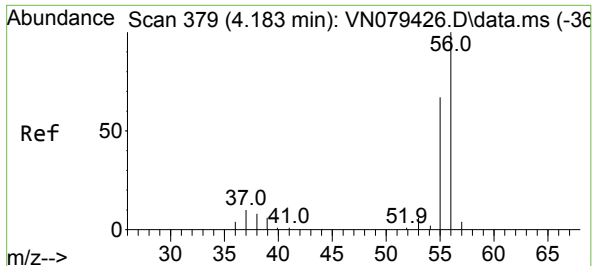
Tgt Ion: 59 Resp: 109980  
Ion Ratio Lower Upper  
59 100  
57 5.0 8.2 12.4#



#12  
1,1-Dichloroethene  
Concen: 43.078 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

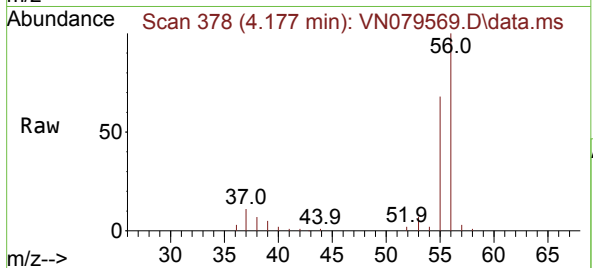
Tgt Ion: 96 Resp: 131333  
Ion Ratio Lower Upper  
96 100  
61 167.3 112.7 169.1  
98 67.5 51.2 76.8



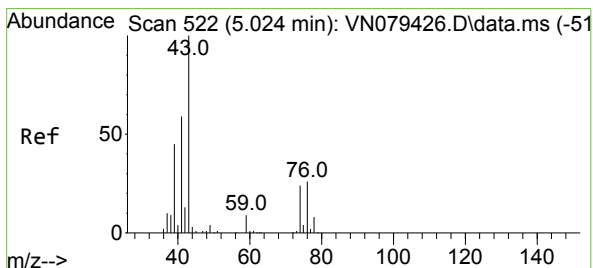
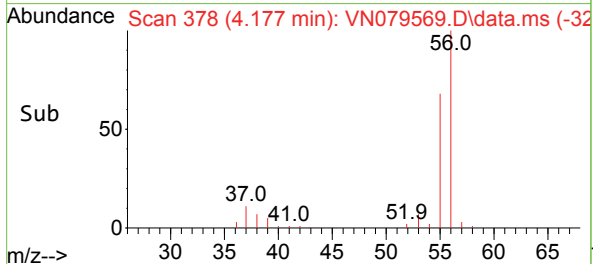
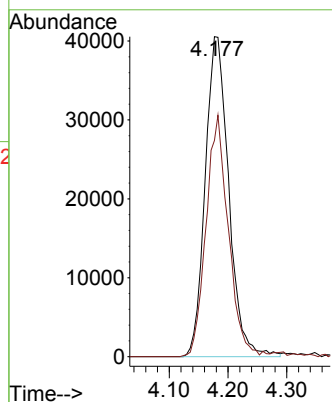


#13  
Acrolein  
Concen: 179.918 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Instrument :  
MSVOA\_N  
ClientSampleId :

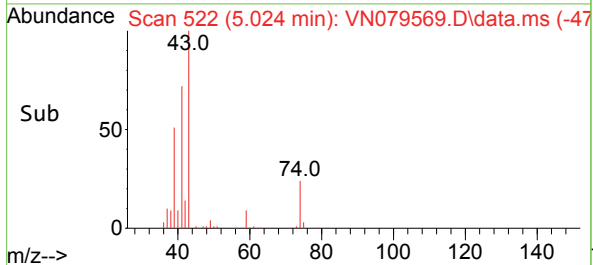
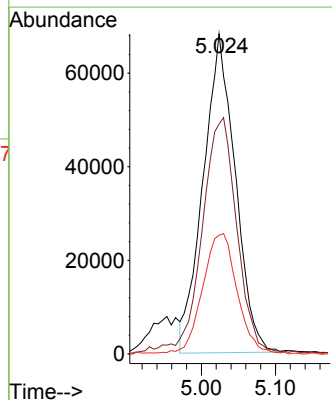
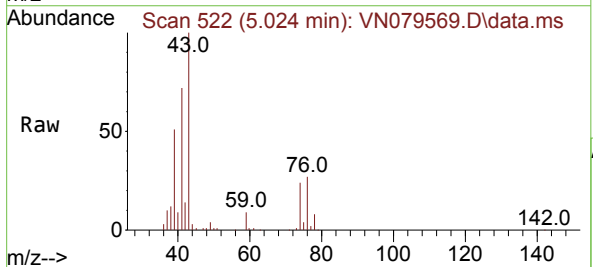


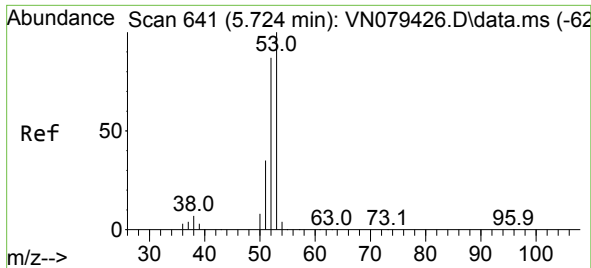
Tgt Ion: 56 Resp: 112811  
Ion Ratio Lower Upper  
56 100  
55 71.2 54.5 81.7



#14  
Allyl chloride  
Concen: 41.604 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 41 Resp: 204687  
Ion Ratio Lower Upper  
41 100  
39 81.1 58.8 88.2  
76 40.8 39.1 58.7

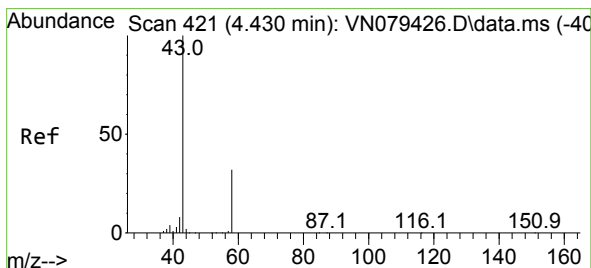
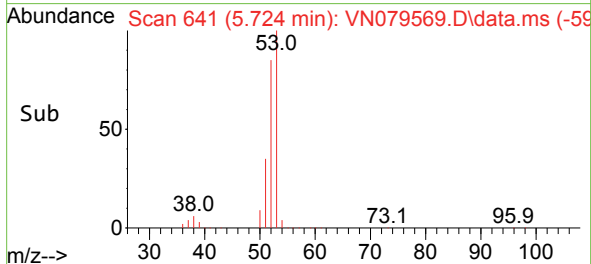
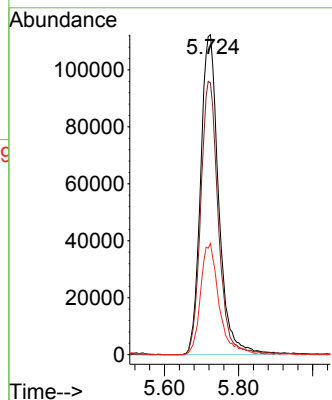
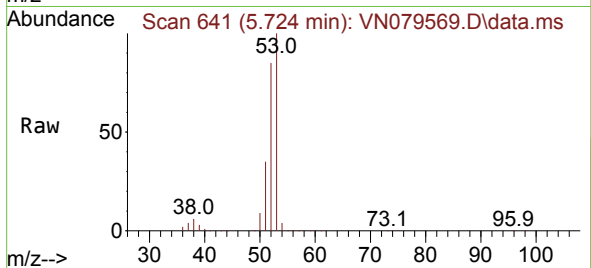




#15  
Acrylonitrile  
Concen: 208.598 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. -0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

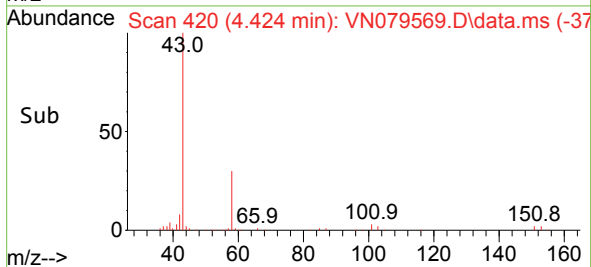
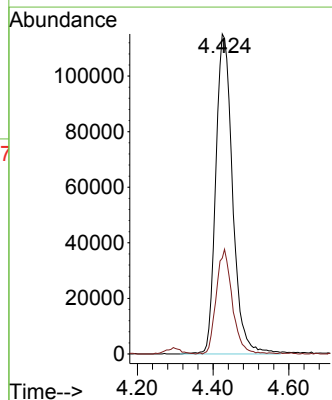
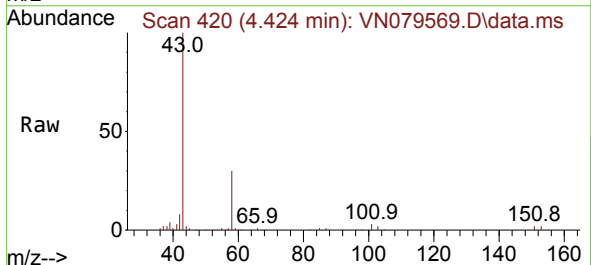
Instrument :  
MSVOA\_N  
ClientSampleId :

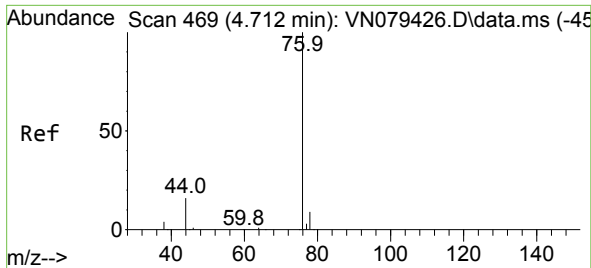
Tgt Ion: 53 Resp: 380822  
Ion Ratio Lower Upper  
53 100  
52 82.6 65.3 97.9  
51 35.5 28.9 43.3



#16  
Acetone  
Concen: 213.821 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 43 Resp: 354829  
Ion Ratio Lower Upper  
43 100  
58 29.6 28.0 42.0

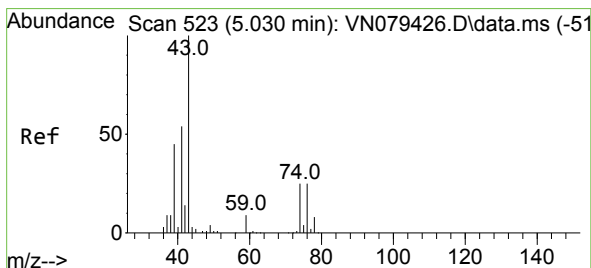
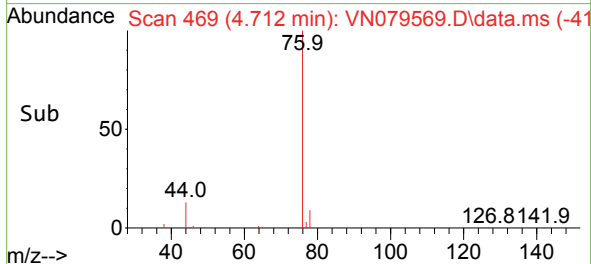
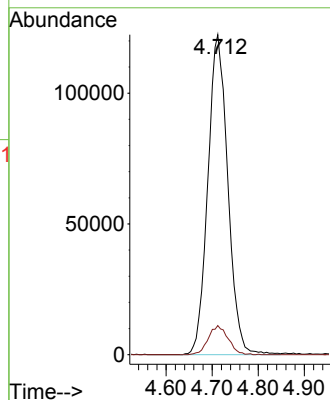
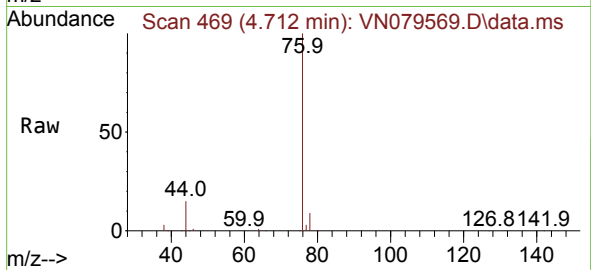




#17  
Carbon Disulfide  
Concen: 38.840 ug/l  
RT: 4.712 min Scan# 40  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

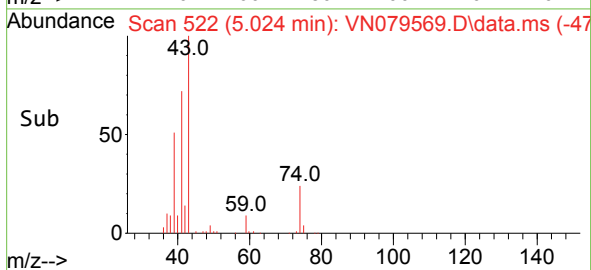
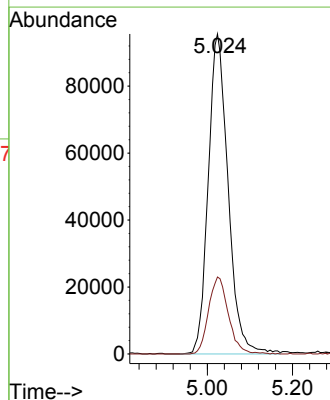
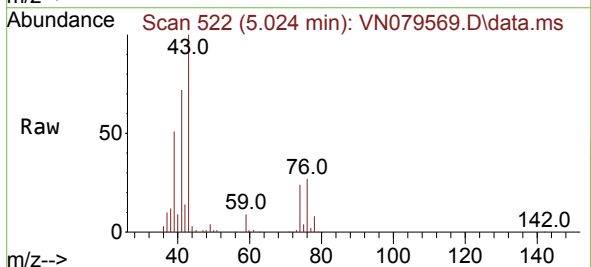
Instrument :  
MSVOA\_N  
ClientSampleId :

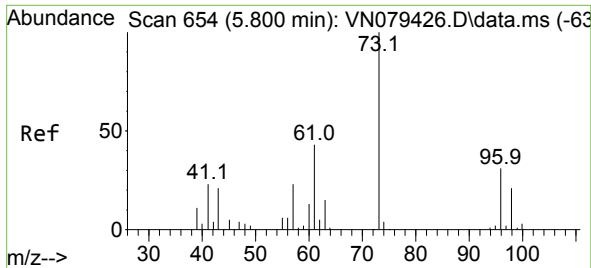
Tgt Ion: 76 Resp: 369359  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0



#18  
Methyl Acetate  
Concen: 38.037 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 43 Resp: 308947  
Ion Ratio Lower Upper  
43 100  
74 24.0 26.2 39.4#

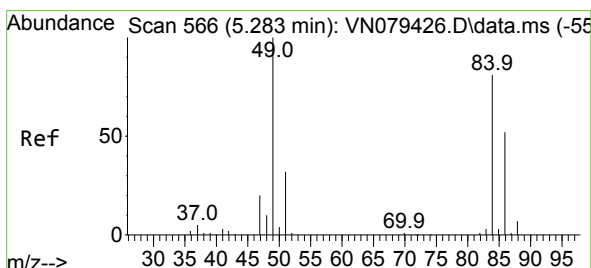
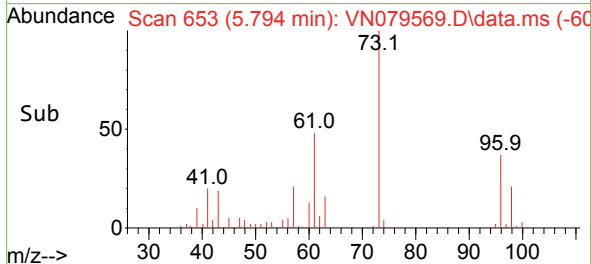
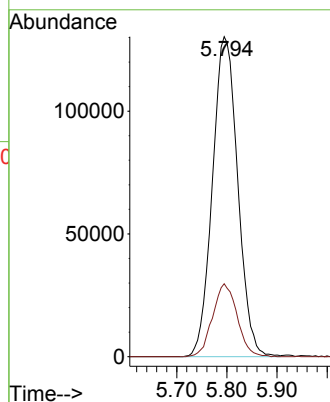
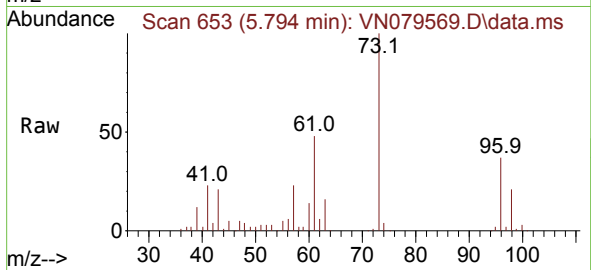




#19  
Methyl tert-butyl Ether  
Concen: 46.160 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

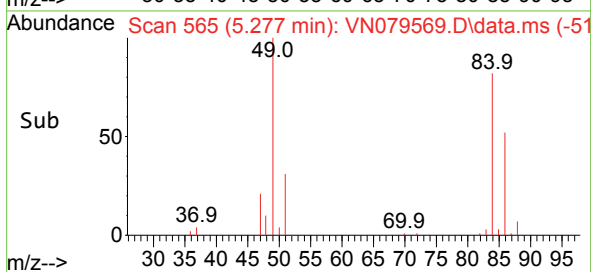
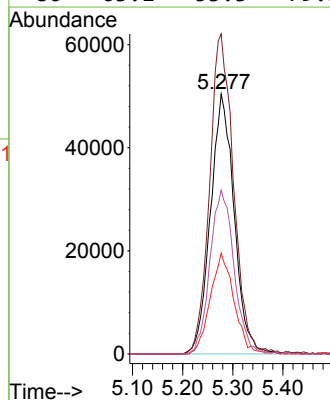
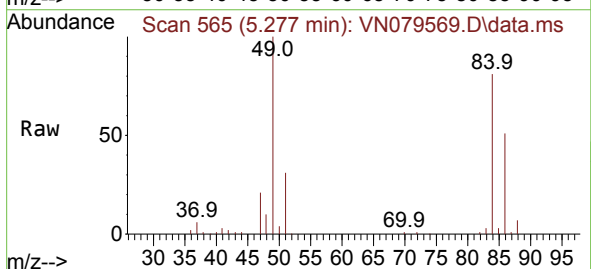
Instrument :  
MSVOA\_N  
ClientSampleId :

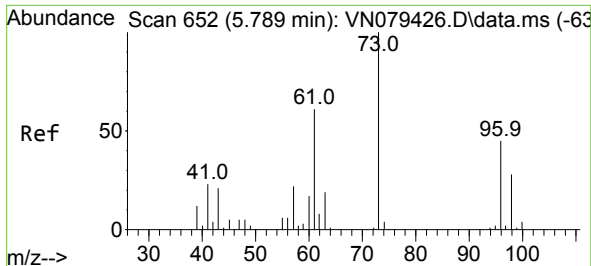
Tgt Ion: 73 Resp: 457254  
Ion Ratio Lower Upper  
73 100  
57 22.8 15.6 23.4



#20  
Methylene Chloride  
Concen: 45.452 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 84 Resp: 165368  
Ion Ratio Lower Upper  
84 100  
49 123.1 79.7 119.5#  
51 38.8 25.2 37.8#  
86 63.1 53.3 79.9

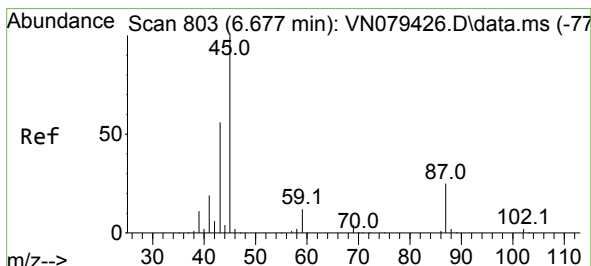
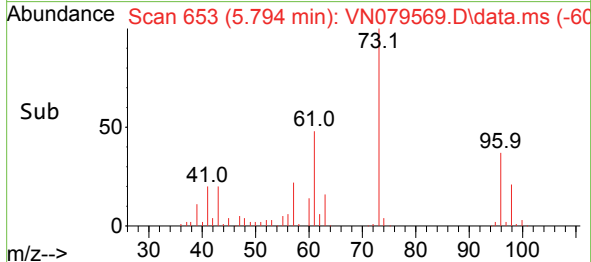
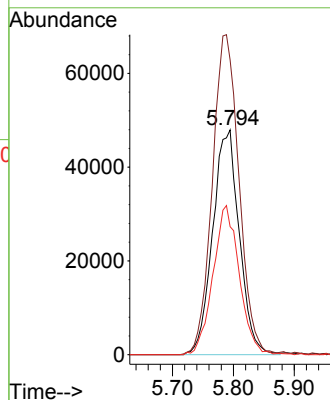
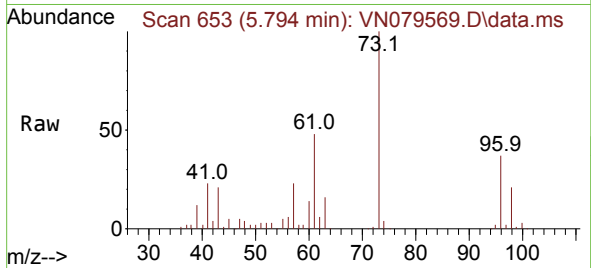




#21  
trans-1,2-Dichloroethene  
Concen: 40.811 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

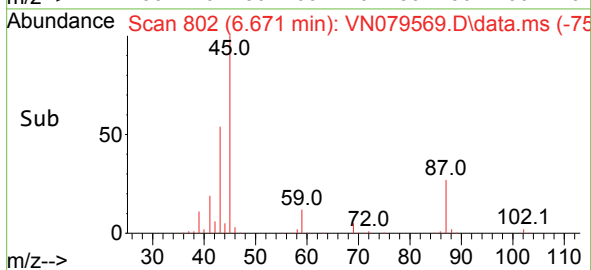
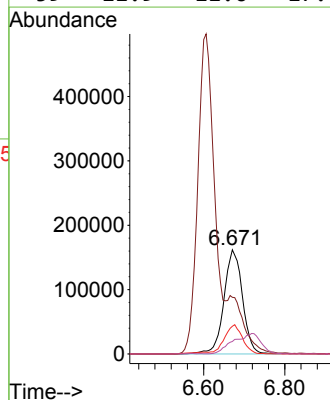
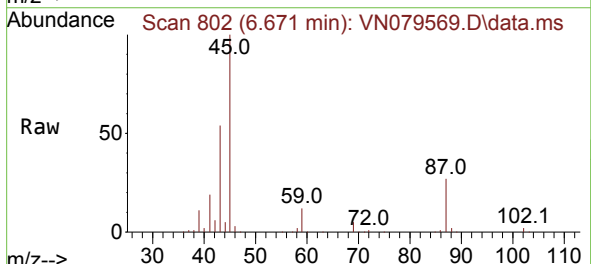
Instrument :  
MSVOA\_N  
ClientSampleId :

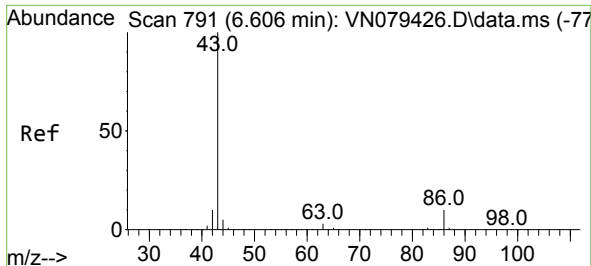
Tgt Ion: 96 Resp: 145320  
Ion Ratio Lower Upper  
96 100  
61 131.1 90.1 135.1  
98 57.0 46.4 69.6



#22  
Diisopropyl ether  
Concen: 46.725 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 45 Resp: 515480  
Ion Ratio Lower Upper  
45 100  
43 53.8 45.5 68.3  
87 26.5 31.8 47.8#  
59 11.9 11.6 17.4

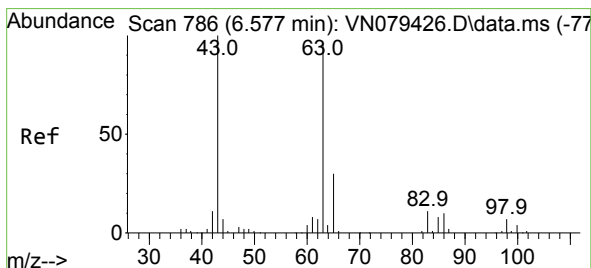
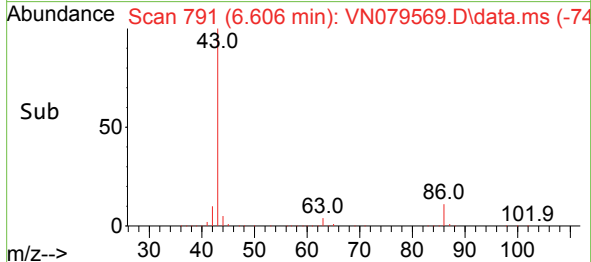
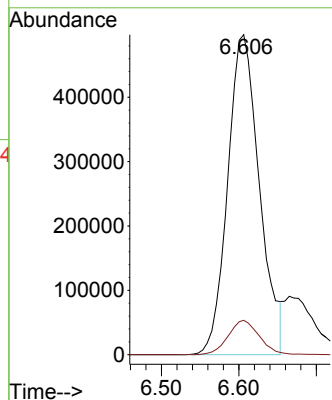
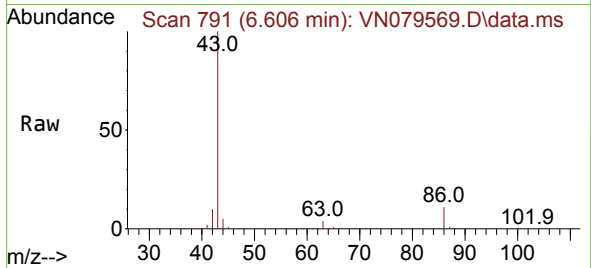




#23  
 Vinyl Acetate  
 Concen: 228.755 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.000 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

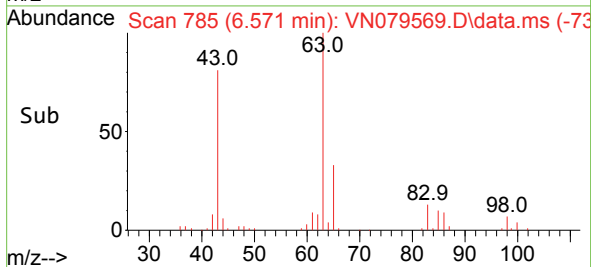
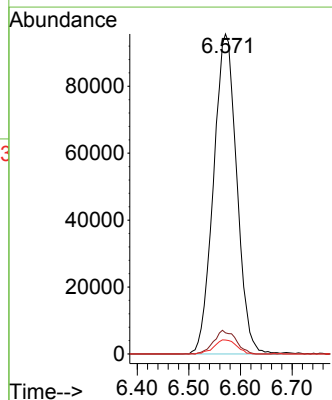
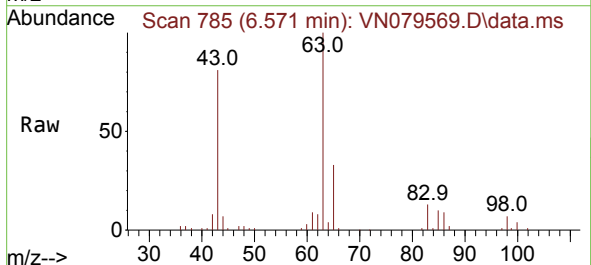
Instrument :  
 MSVOA\_N  
 ClientSampleId :

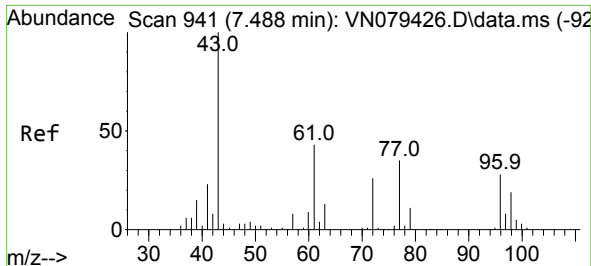
Tgt Ion: 43 Resp: 1419566  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 13.0 19.6#



#24  
 1,1-Dichloroethane  
 Concen: 44.188 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. -0.006 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

Tgt Ion: 63 Resp: 298350  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.9 11.7  
 100 4.4 2.5 7.4





#25

2-Butanone

Concen: 205.939 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

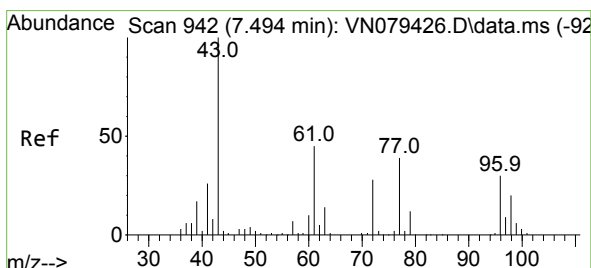
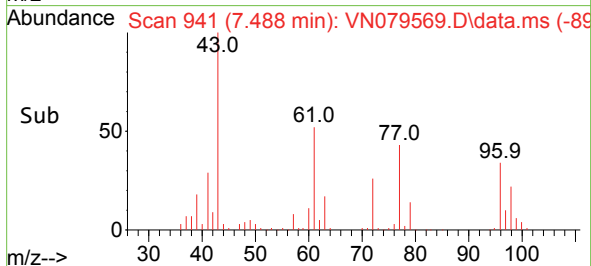
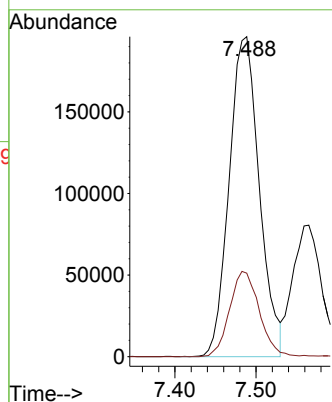
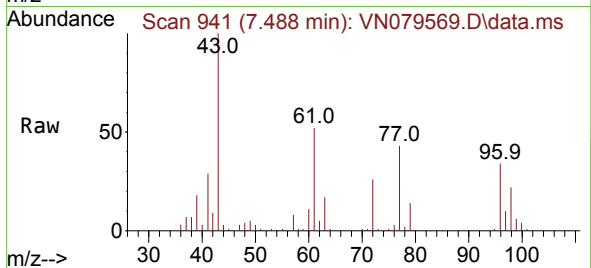
ClientSampleId :

Tgt Ion: 43 Resp: 507229

Ion Ratio Lower Upper

43 100

72 26.1 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 47.408 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079569.D

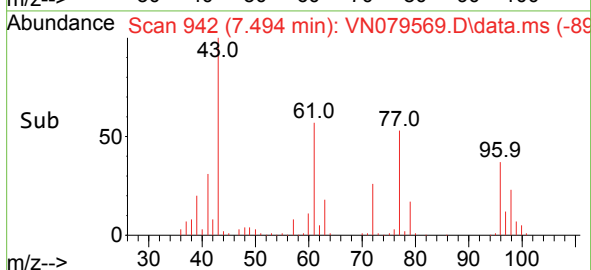
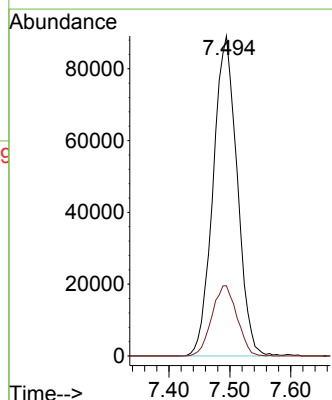
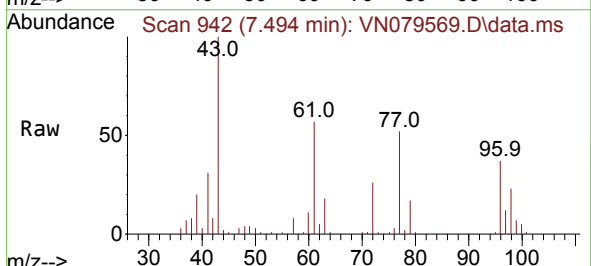
Acq: 13 Oct 2023 16:11

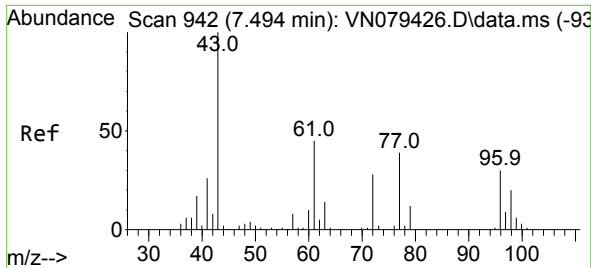
Tgt Ion: 77 Resp: 244619

Ion Ratio Lower Upper

77 100

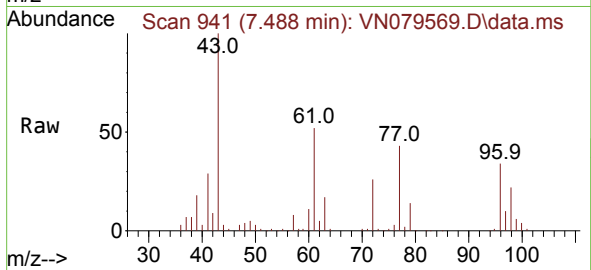
97 22.9 11.2 33.6



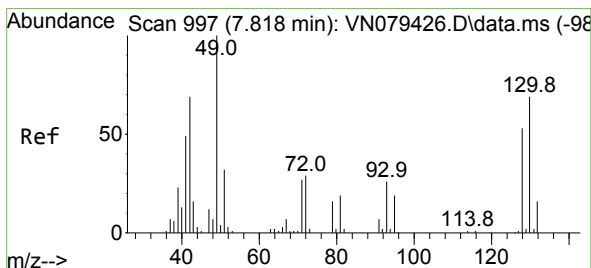
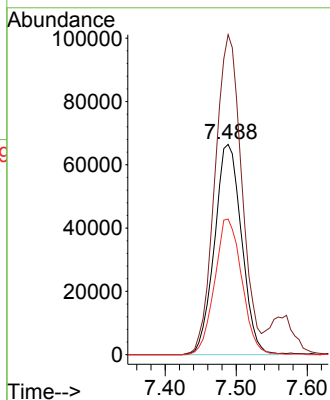
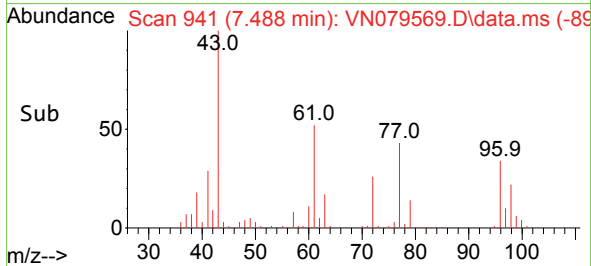


#27  
 cis-1,2-Dichloroethene  
 Concen: 45.539 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. -0.006 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :

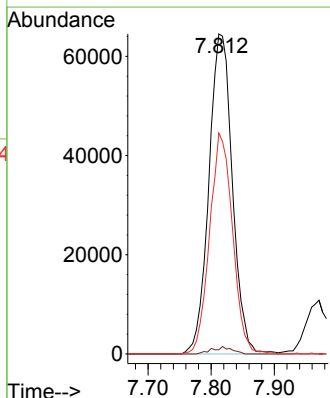
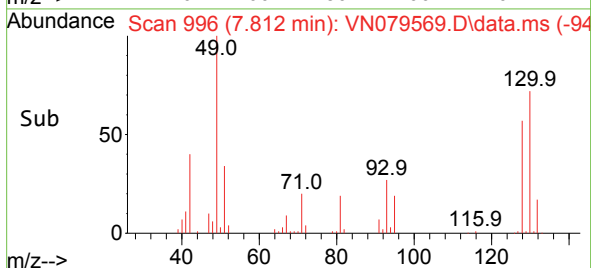
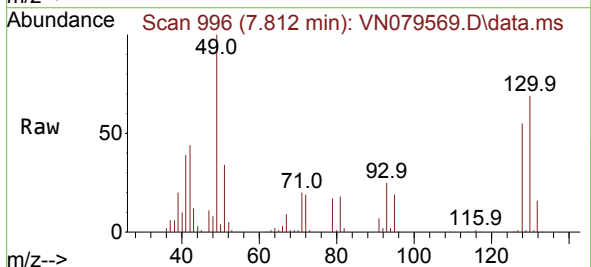


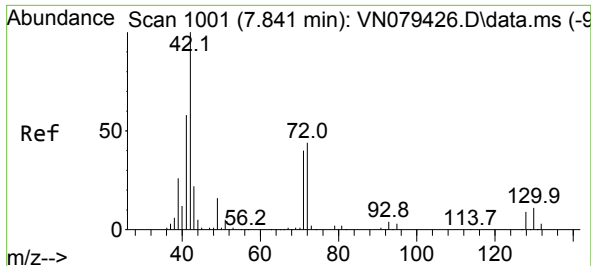
Tgt Ion: 96 Resp: 176161  
 Ion Ratio Lower Upper  
 96 100  
 61 150.4 0.0 255.2  
 98 64.8 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 51.905 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.006 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

Tgt Ion: 49 Resp: 166746  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 4.8  
 130 67.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 203.973 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

ClientSampleId :

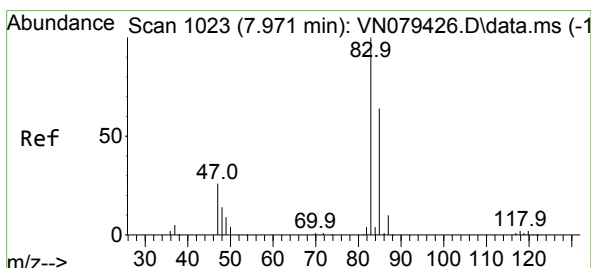
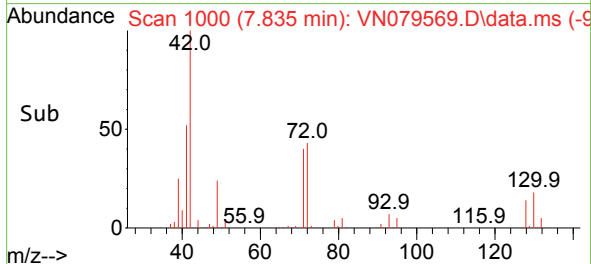
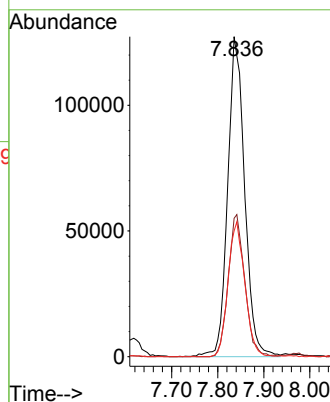
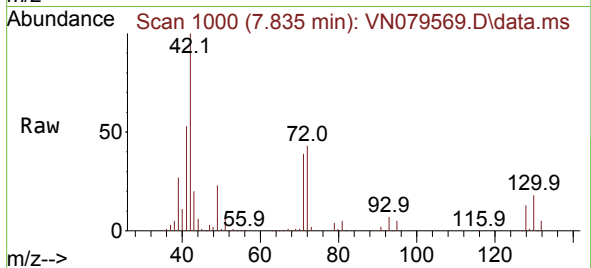
Tgt Ion: 42 Resp: 324916

Ion Ratio Lower Upper

42 100

72 43.3 49.8 74.6#

71 41.7 47.4 71.2#



#30

Chloroform

Concen: 45.125 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079569.D

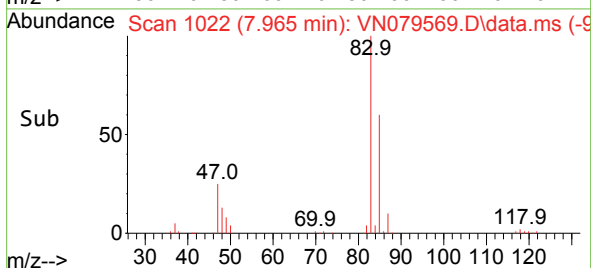
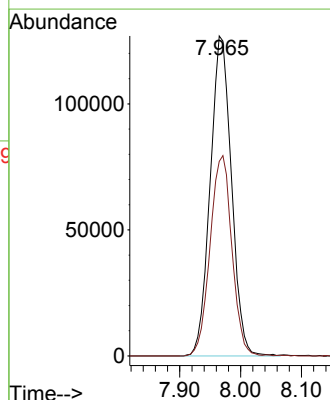
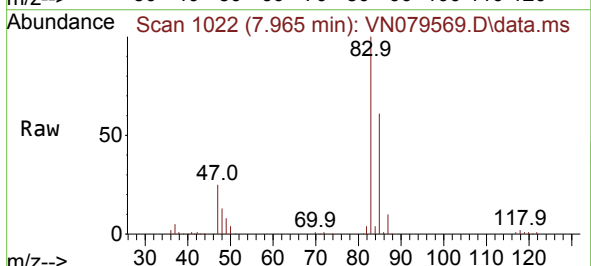
Acq: 13 Oct 2023 16:11

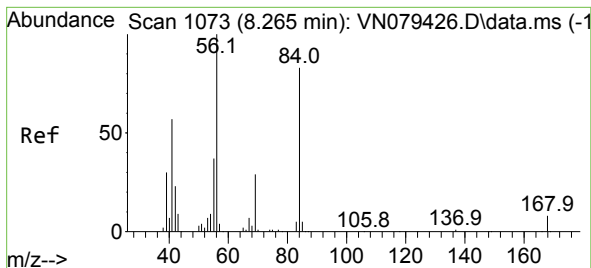
Tgt Ion: 83 Resp: 307837

Ion Ratio Lower Upper

83 100

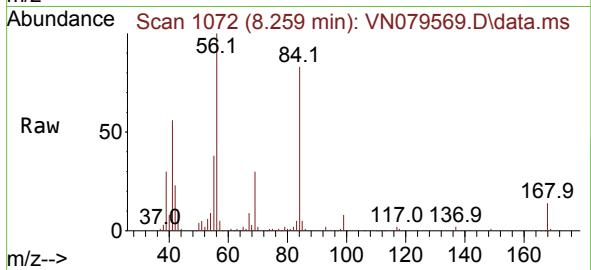
85 60.8 55.4 83.0



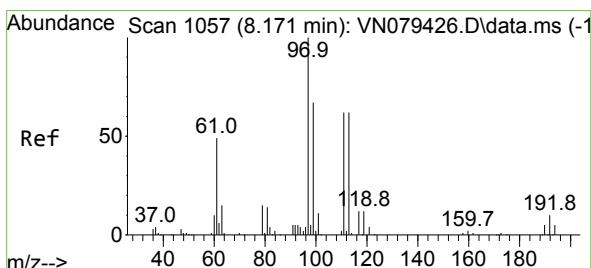
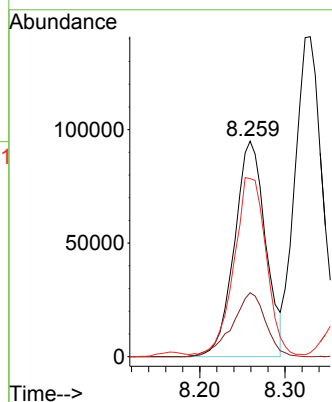
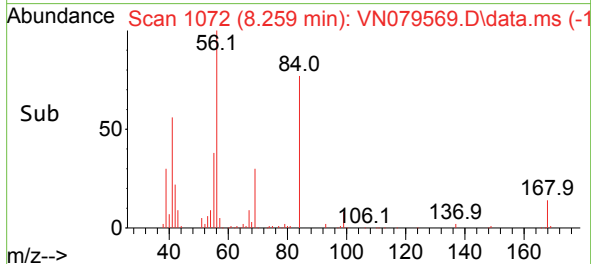


#31  
Cyclohexane  
Concen: 40.615 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Instrument :  
MSVOA\_N  
ClientSampleId :

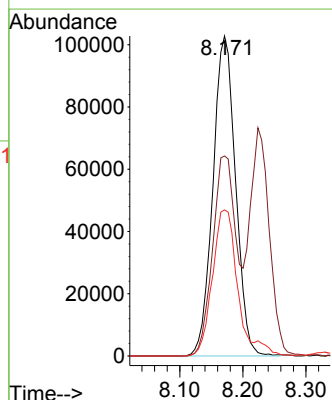
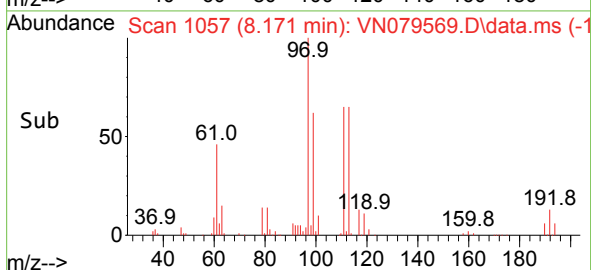
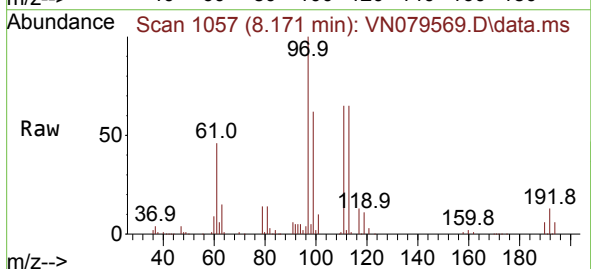


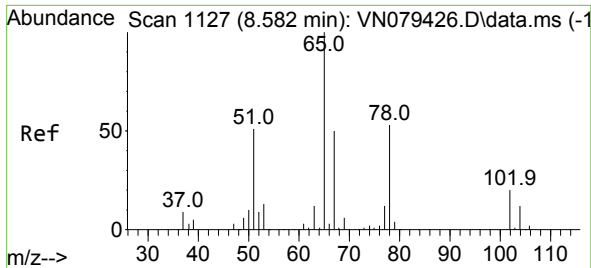
Tgt Ion: 56 Resp: 241041  
Ion Ratio Lower Upper  
56 100  
69 29.7 26.8 40.2  
84 81.0 81.8 122.6#



#32  
1,1,1-Trichloroethane  
Concen: 44.643 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 97 Resp: 256298  
Ion Ratio Lower Upper  
97 100  
99 65.7 50.3 75.5  
61 51.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.190 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

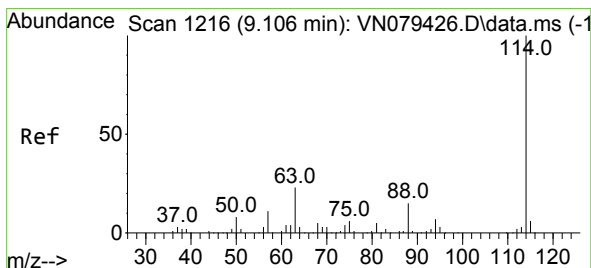
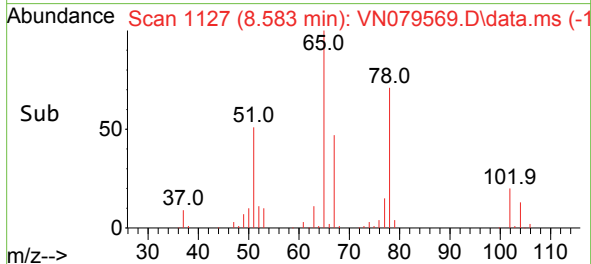
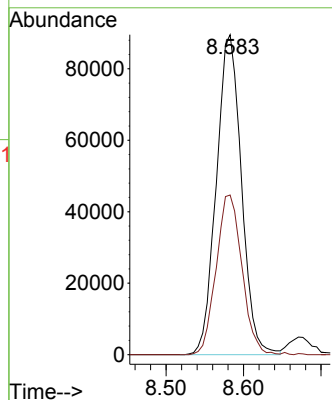
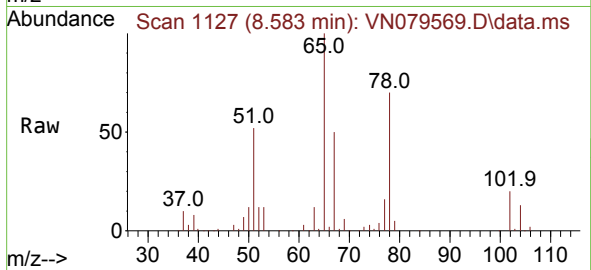
ClientSampleId :

Tgt Ion: 65 Resp: 201621

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

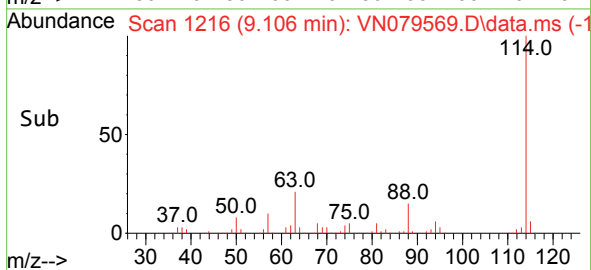
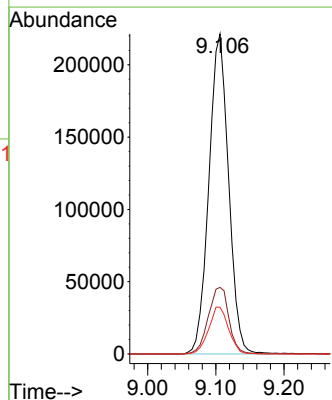
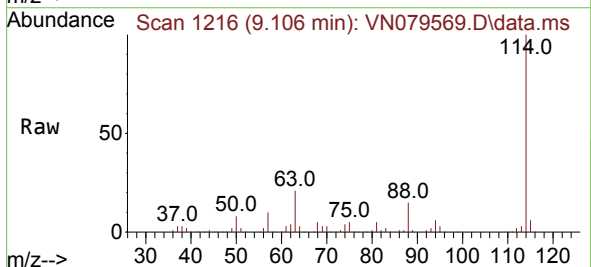
Tgt Ion: 114 Resp: 444702

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

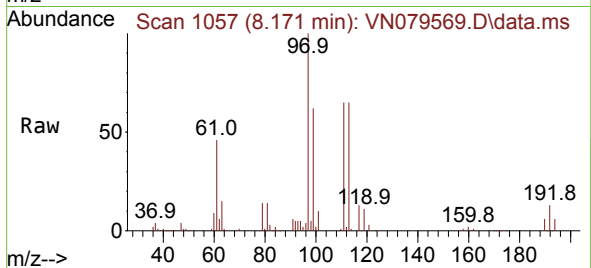
88 14.6 0.0 30.6



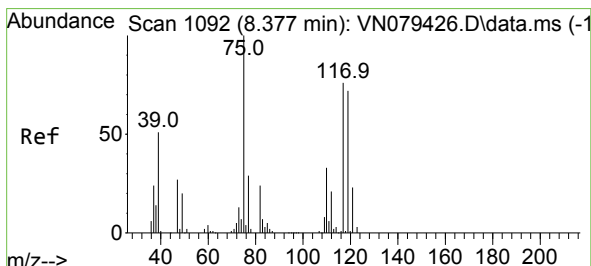
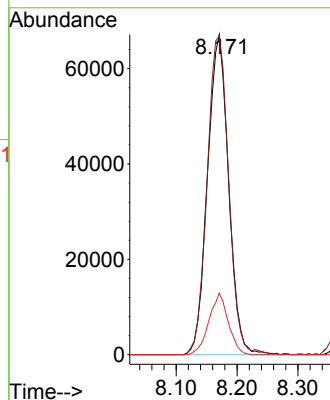
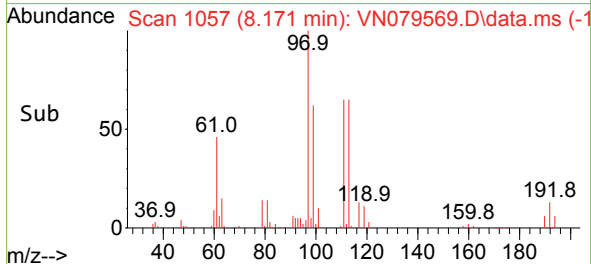


#35  
Dibromofluoromethane  
Concen: 50.401 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Instrument :  
MSVOA\_N  
ClientSampleId :

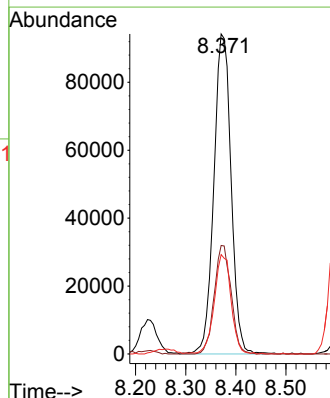
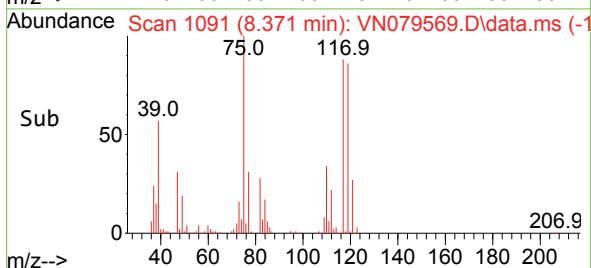
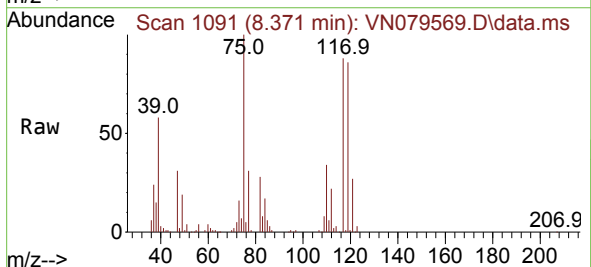


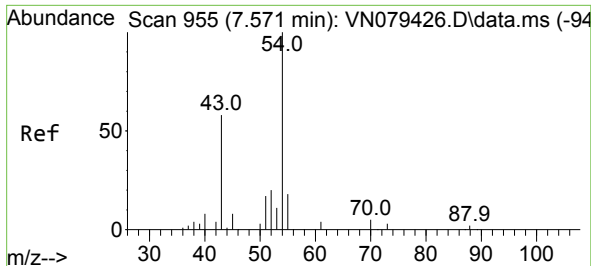
Tgt Ion:113 Resp: 161071  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.6 123.8  
192 17.7 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 46.941 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 75 Resp: 225148  
Ion Ratio Lower Upper  
75 100  
110 33.0 19.1 57.3  
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 43.441 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

ClientSampleId :

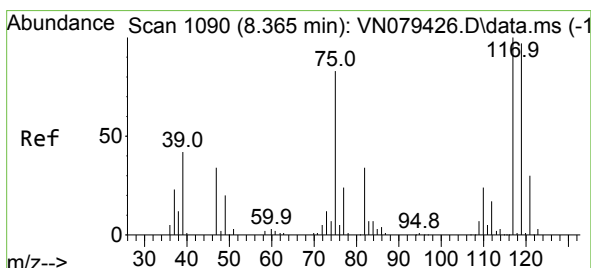
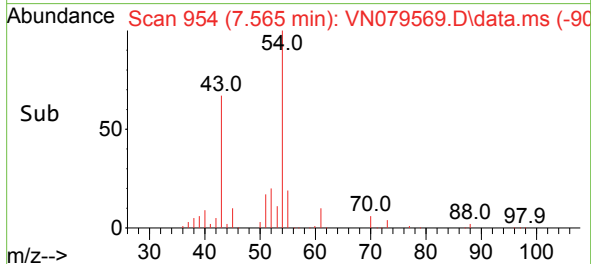
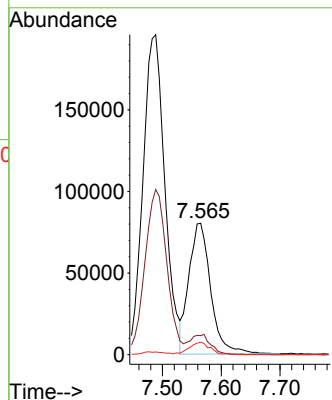
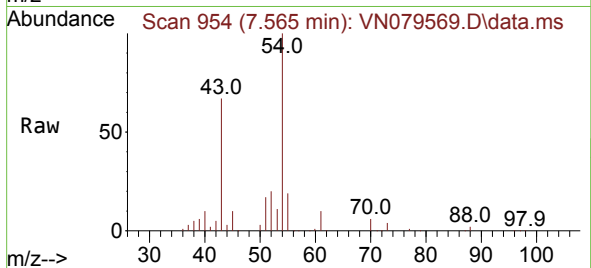
Tgt Ion: 43 Resp: 207330

Ion Ratio Lower Upper

43 100

61 15.0 13.2 19.8

70 9.1 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 46.073 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

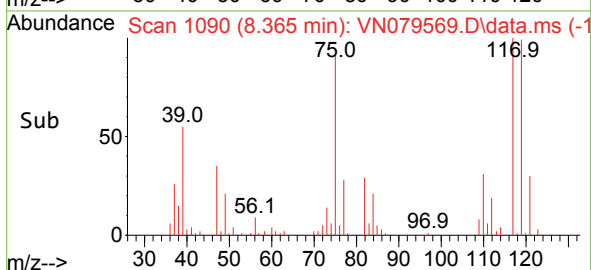
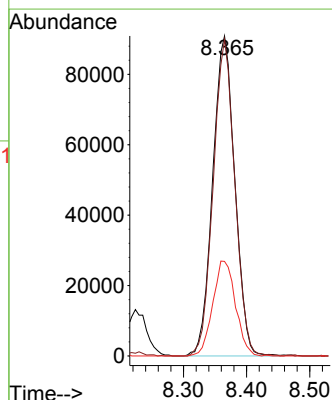
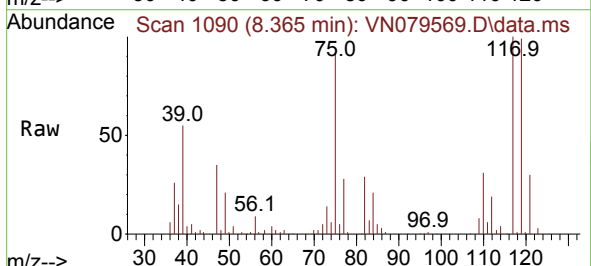
Tgt Ion: 117 Resp: 221231

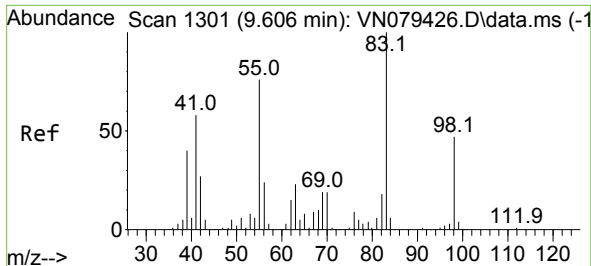
Ion Ratio Lower Upper

117 100

119 99.0 77.3 115.9

121 29.6 23.3 34.9

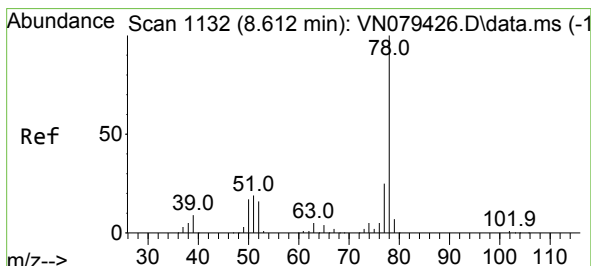
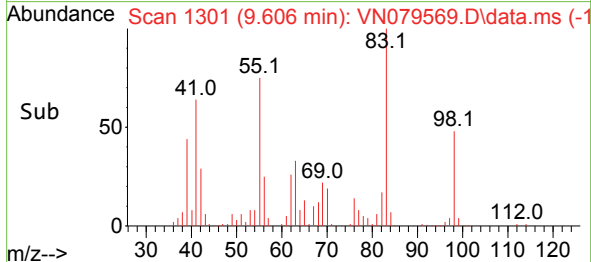
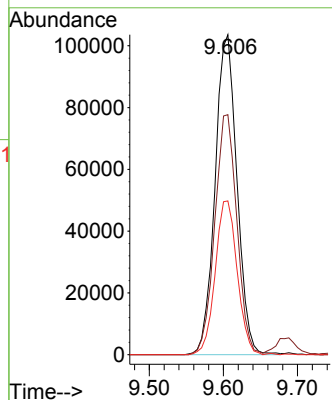
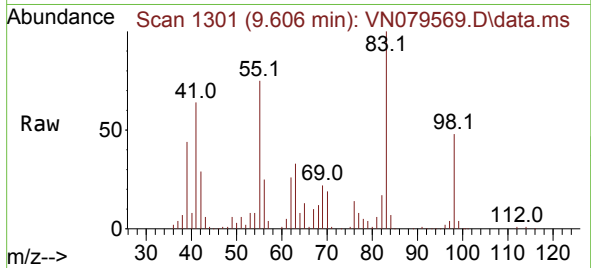




#39  
Methylcyclohexane  
Concen: 46.114 ug/l  
RT: 9.606 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

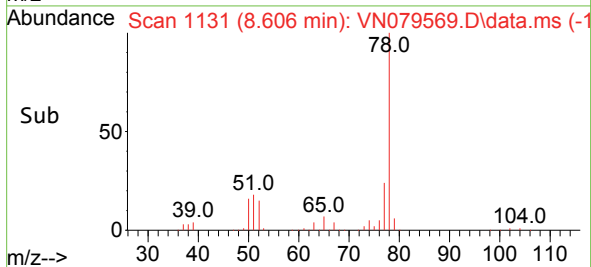
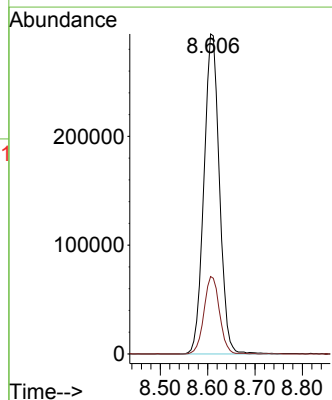
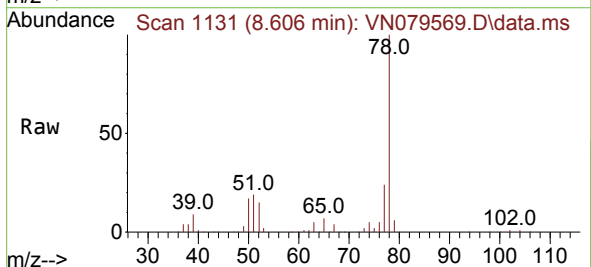
Instrument :  
MSVOA\_N  
ClientSampleId :

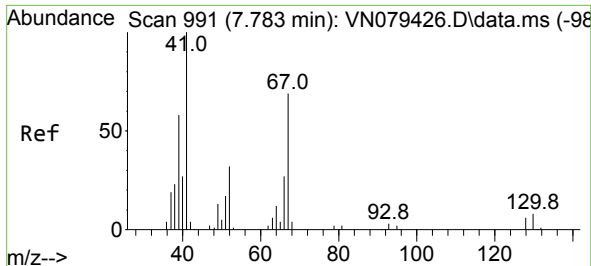
Tgt Ion: 83 Resp: 212505  
Ion Ratio Lower Upper  
83 100  
55 75.0 49.1 73.7#  
98 48.1 40.6 61.0



#40  
Benzene  
Concen: 46.822 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 78 Resp: 666959  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.0 28.6

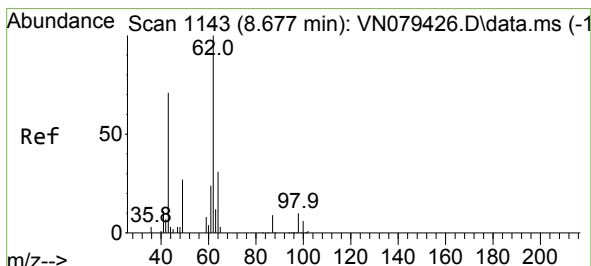
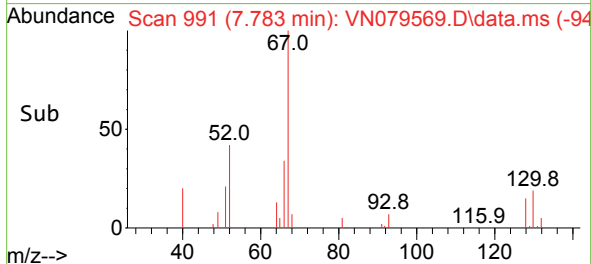
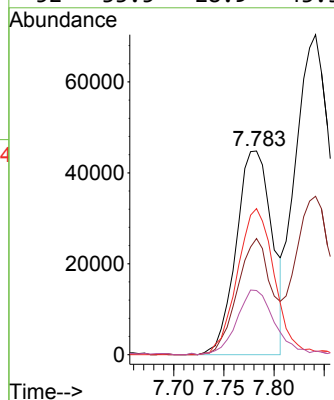
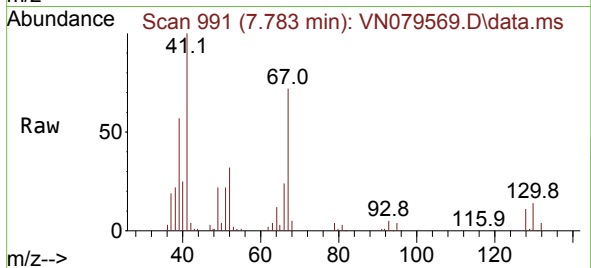




#41  
Methacrylonitrile  
Concen: 44.652 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

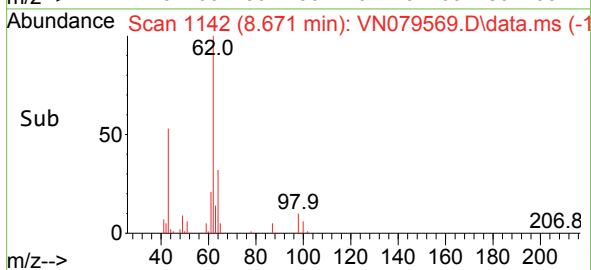
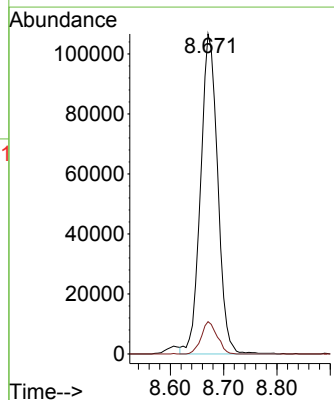
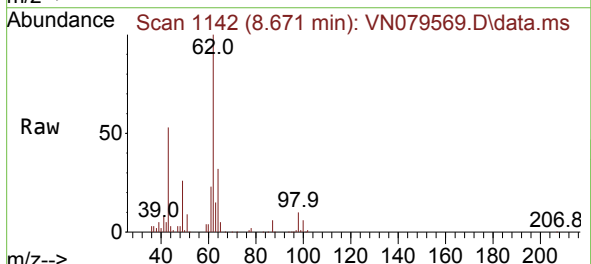
Instrument :  
MSVOA\_N  
ClientSampleId :

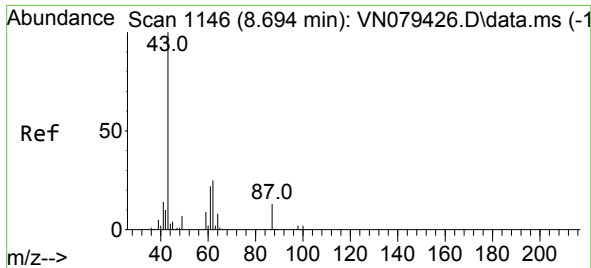
|             |              |
|-------------|--------------|
| Tgt Ion: 41 | Resp: 112037 |
| Ion Ratio   | Lower Upper  |
| 41 100      |              |
| 39 54.2     | 42.6 64.0    |
| 67 74.3     | 77.5 116.3#  |
| 52 33.5     | 28.9 43.3    |



#42  
1,2-Dichloroethane  
Concen: 45.988 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 238029 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 9.4      | 0.0 19.8     |

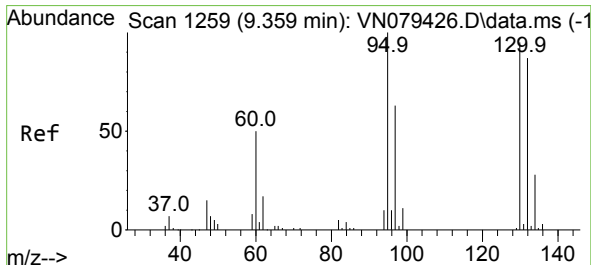
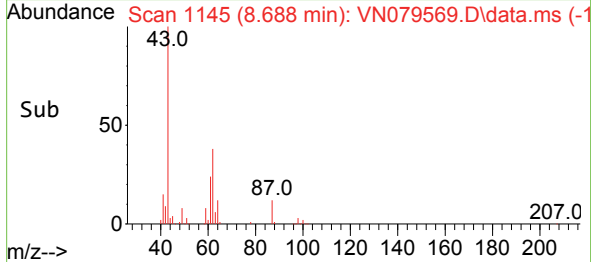
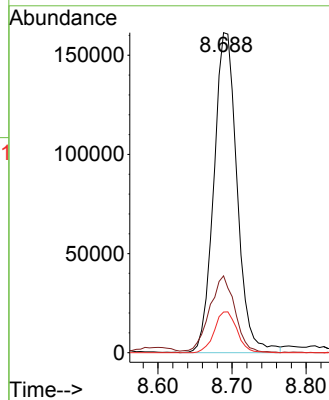
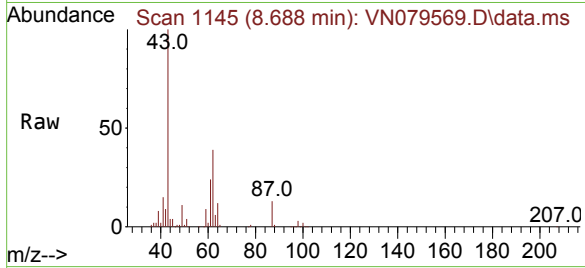




#43  
Isopropyl Acetate  
Concen: 42.121 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

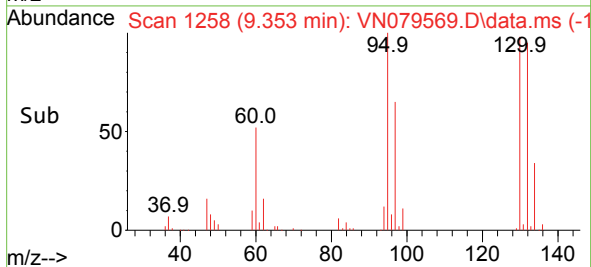
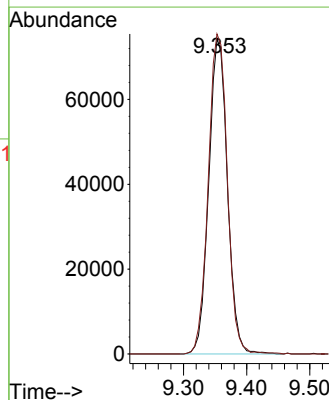
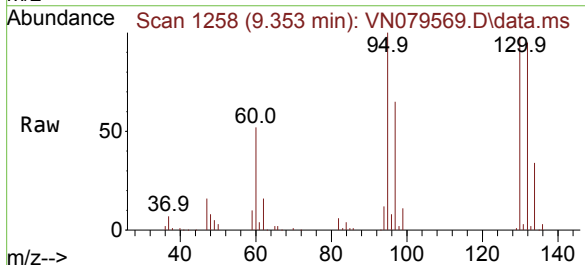
Instrument :  
MSVOA\_N  
ClientSampleId :

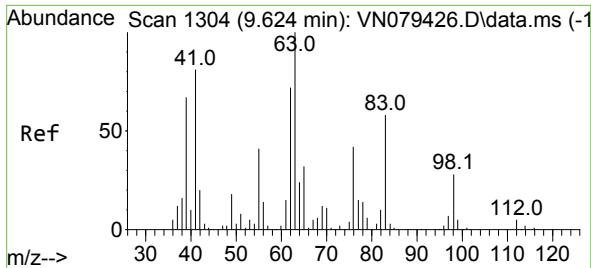
Tgt Ion: 43 Resp: 352190  
Ion Ratio Lower Upper  
43 100  
61 26.4 24.7 37.1  
87 12.4 14.6 21.8#



#44  
Trichloroethene  
Concen: 45.584 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion:130 Resp: 152830  
Ion Ratio Lower Upper  
130 100  
95 101.6 0.0 204.6

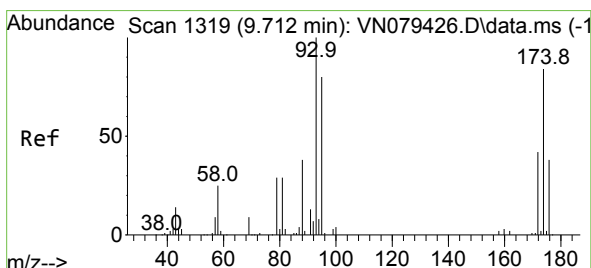
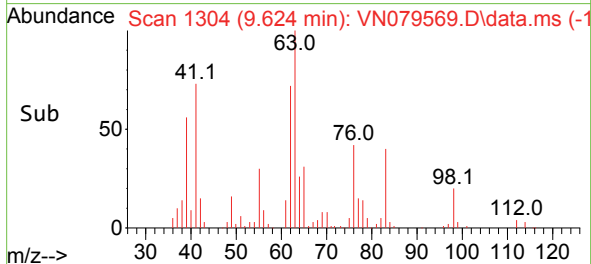
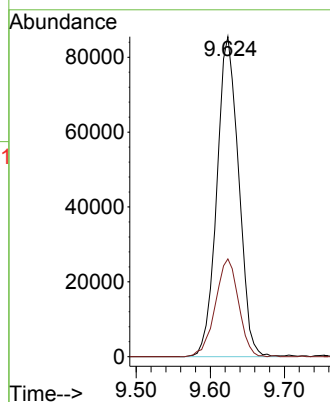
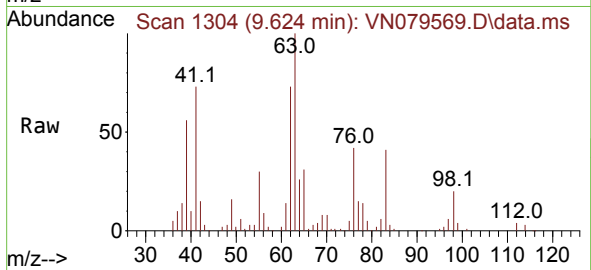




#45  
1,2-Dichloropropane  
Concen: 46.524 ug/l  
RT: 9.624 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

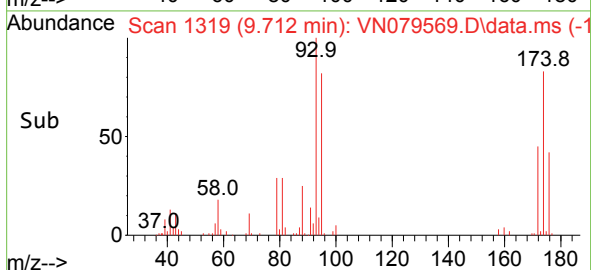
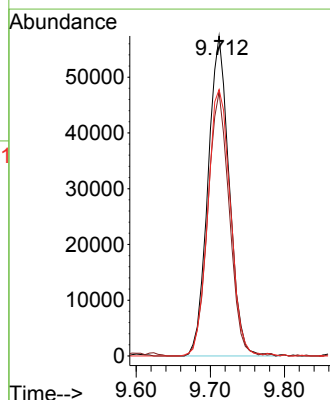
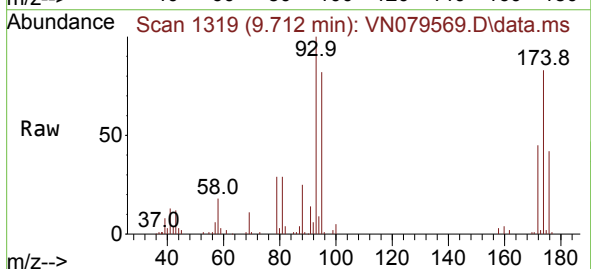
Instrument :  
MSVOA\_N  
ClientSampleId :

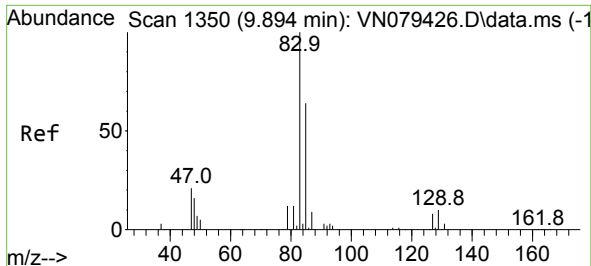
Tgt Ion: 63 Resp: 174609  
Ion Ratio Lower Upper  
63 100  
65 30.5 23.9 35.9



#46  
Dibromomethane  
Concen: 47.050 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 93 Resp: 114367  
Ion Ratio Lower Upper  
93 100  
95 83.3 63.8 95.8  
174 88.5 65.6 98.4

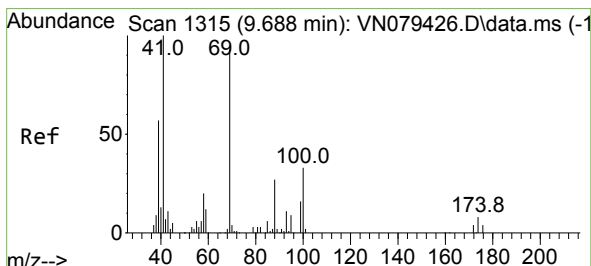
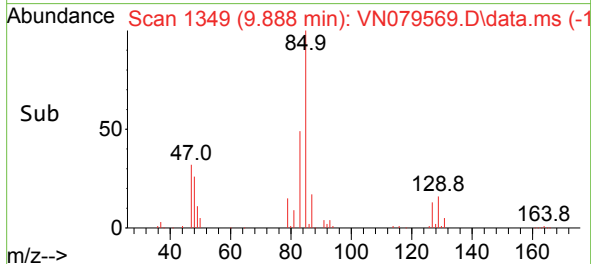
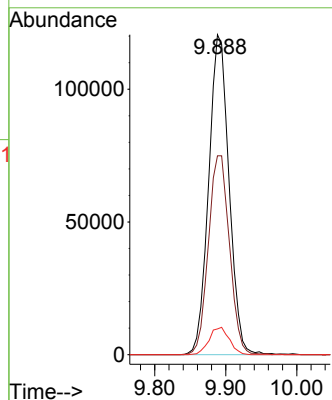
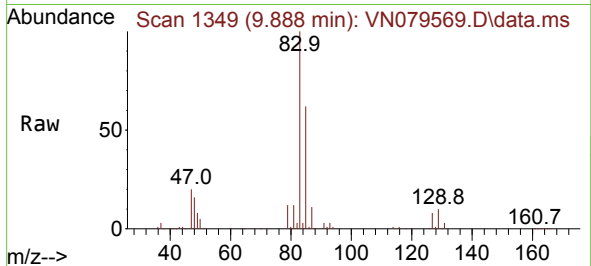




#47  
Bromodichloromethane  
Concen: 47.989 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

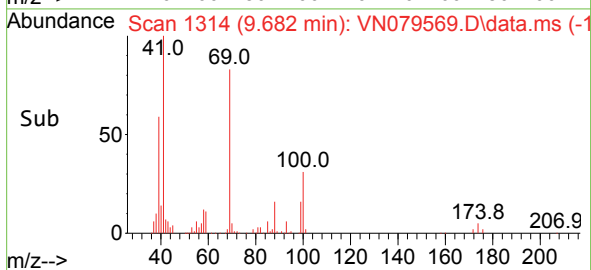
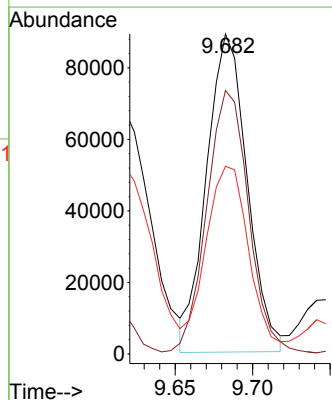
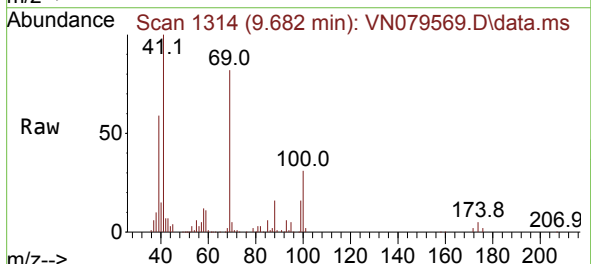
Instrument :  
MSVOA\_N  
ClientSampleId :

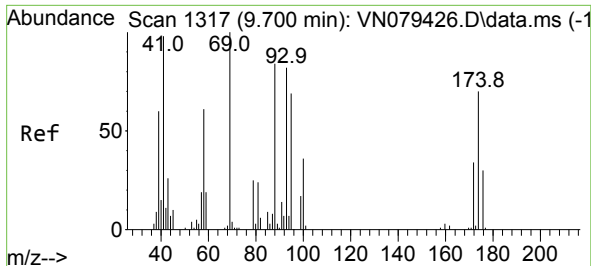
Tgt Ion: 83 Resp: 239950  
Ion Ratio Lower Upper  
83 100  
85 62.2 49.6 74.4  
127 8.0 7.0 10.6



#48  
Methyl methacrylate  
Concen: 45.178 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 41 Resp: 161873  
Ion Ratio Lower Upper  
41 100  
69 85.3 90.4 135.6#  
39 62.9 54.6 81.8





#49

1,4-Dioxane

Concen: 865.422 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

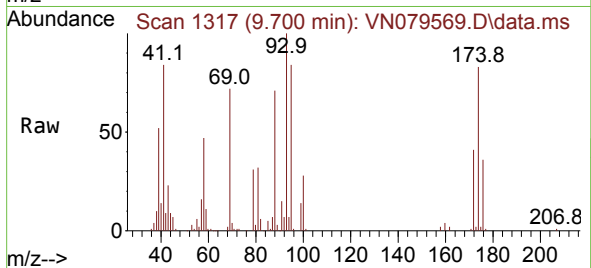
Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

ClientSampleId :



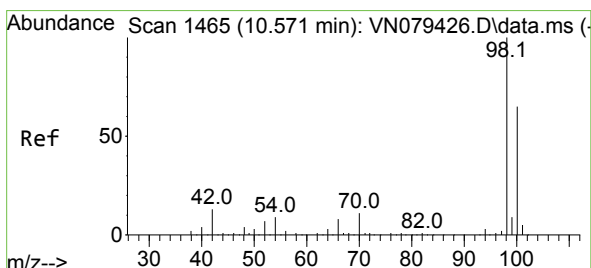
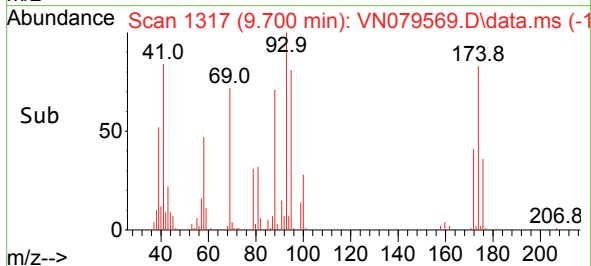
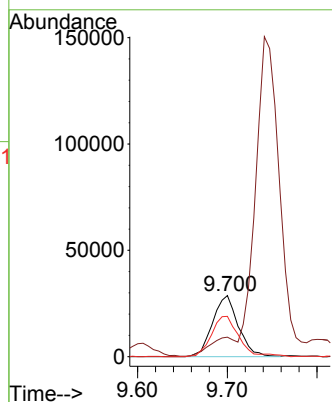
Tgt Ion: 88 Resp: 57116

Ion Ratio Lower Upper

88 100

43 28.4 17.0 25.6#

58 71.1 47.0 70.4#



#50

Toluene-d8

Concen: 51.560 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079569.D

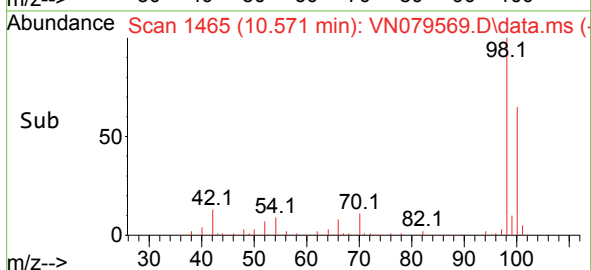
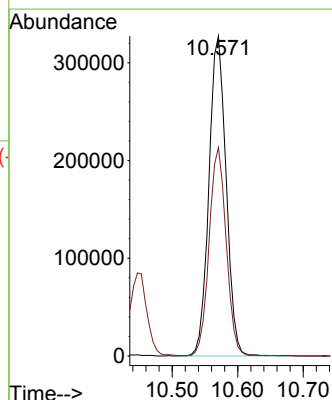
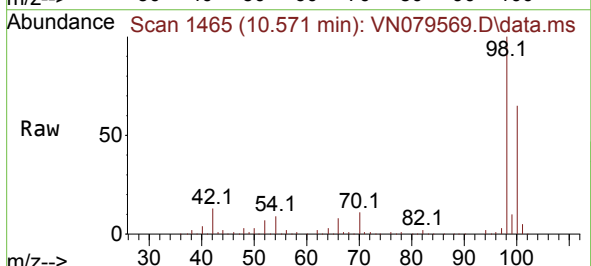
Acq: 13 Oct 2023 16:11

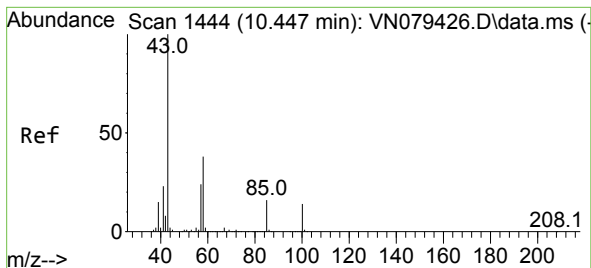
Tgt Ion: 98 Resp: 596201

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

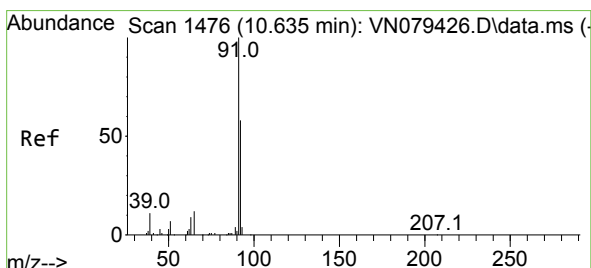
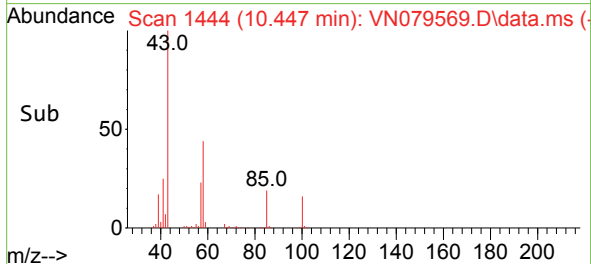
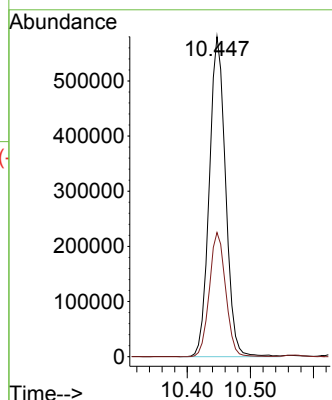
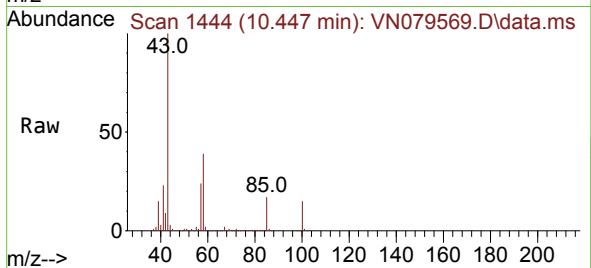




#51  
4-Methyl-2-Pentanone  
Concen: 220.018 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

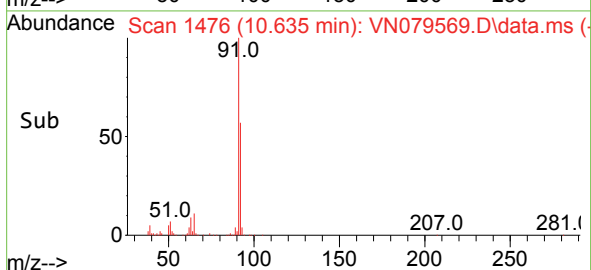
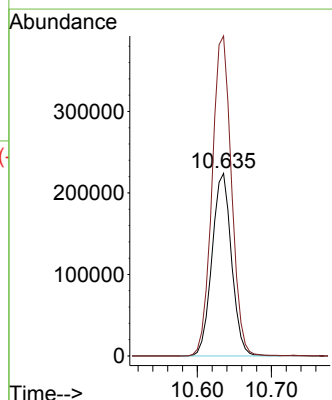
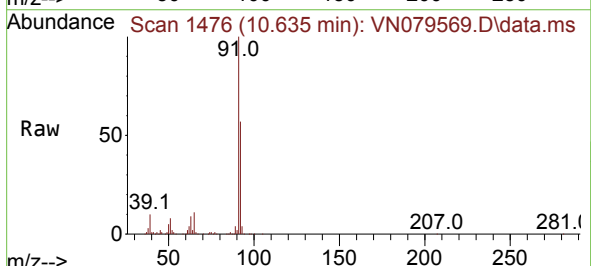
Instrument :  
MSVOA\_N  
ClientSampleId :

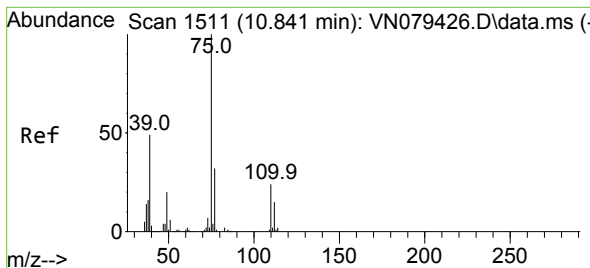
Tgt Ion: 43 Resp: 1038492  
Ion Ratio Lower Upper  
43 100  
58 38.8 36.6 54.8



#52  
Toluene  
Concen: 48.780 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 92 Resp: 409015  
Ion Ratio Lower Upper  
92 100  
91 175.1 137.4 206.0

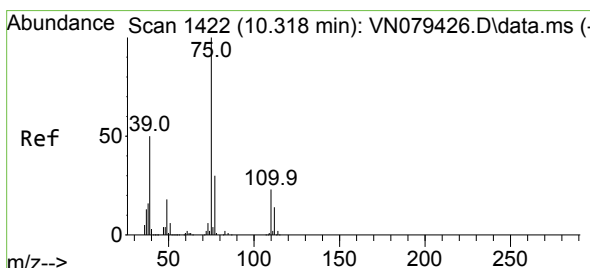
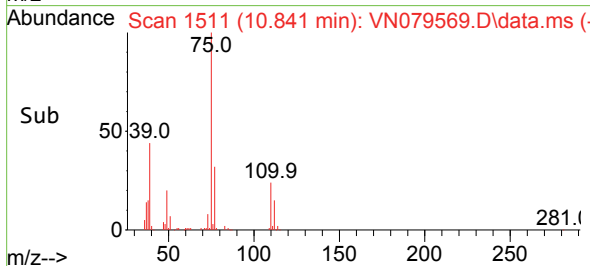
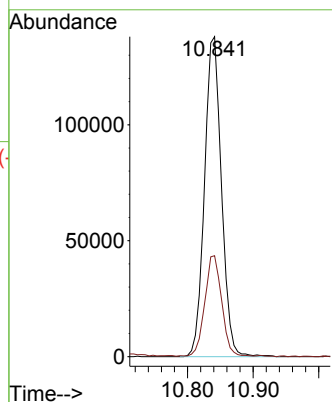
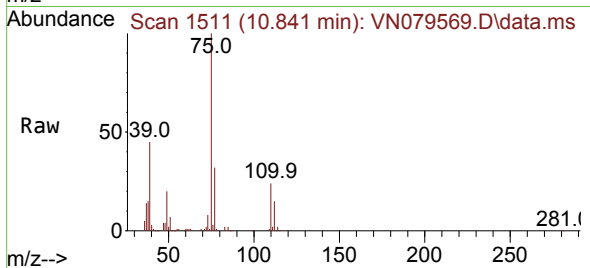




#53  
 t-1,3-Dichloropropene  
 Concen: 49.377 ug/l  
 RT: 10.841 min Scan# 1511  
 Delta R.T. 0.000 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

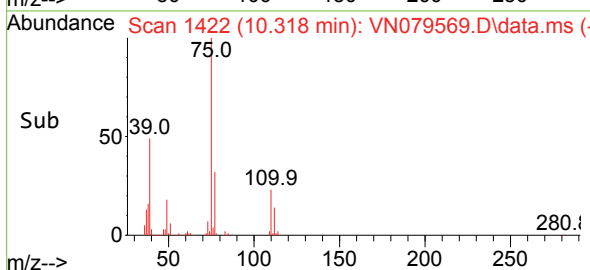
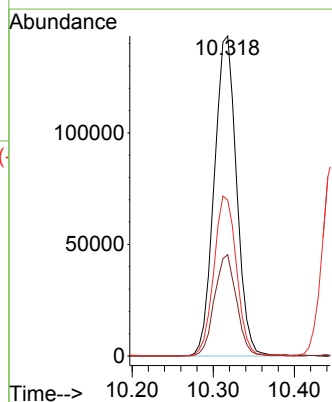
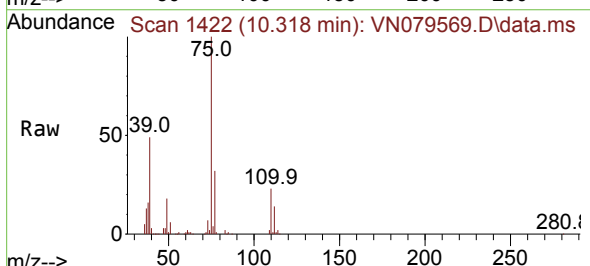
Instrument :  
 MSVOA\_N  
 ClientSampleId :

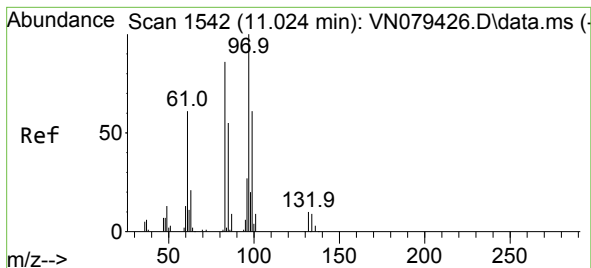
Tgt Ion: 75 Resp: 248802  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.725 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. 0.000 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

Tgt Ion: 75 Resp: 274284  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 26.1 39.1  
 39 48.7 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 47.568 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

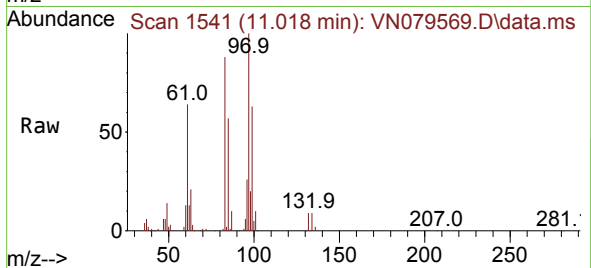
Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 97 Resp: 160125

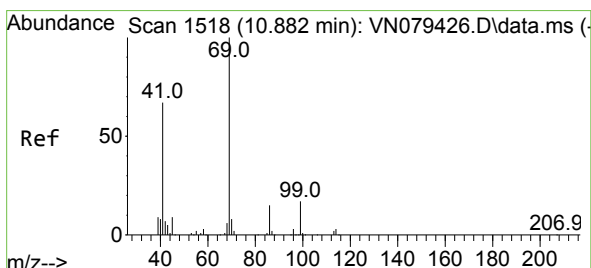
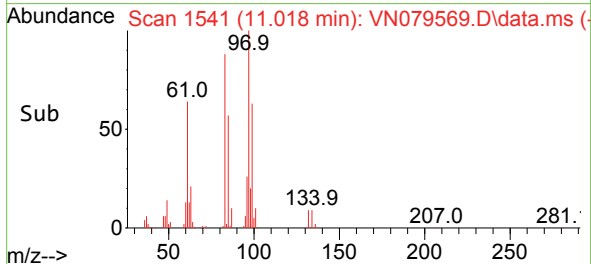
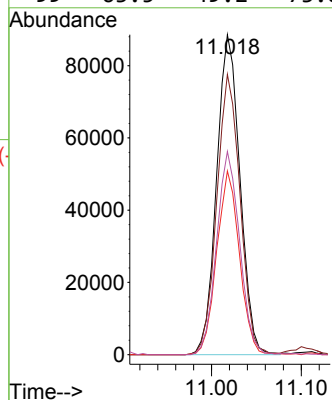
Ion Ratio Lower Upper

97 100

83 87.6 65.1 97.7

85 57.4 43.4 65.2

99 63.5 49.2 73.8



#56

Ethyl methacrylate

Concen: 50.655 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

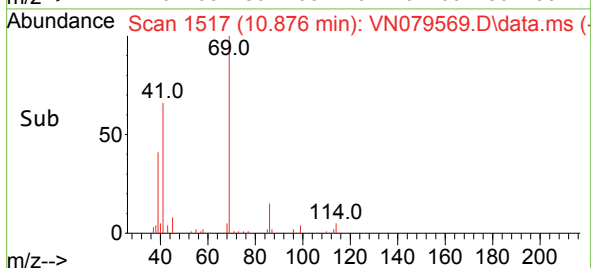
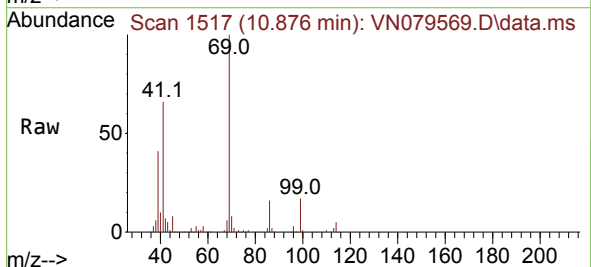
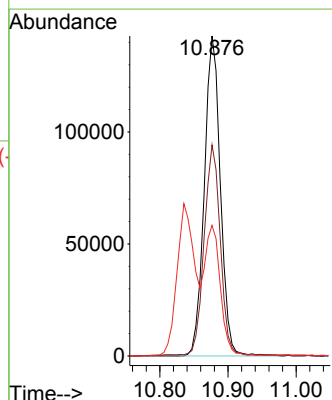
Tgt Ion: 69 Resp: 234314

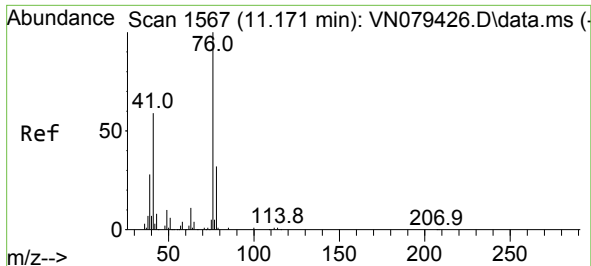
Ion Ratio Lower Upper

69 100

41 67.0 39.6 59.4#

39 39.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 48.696 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

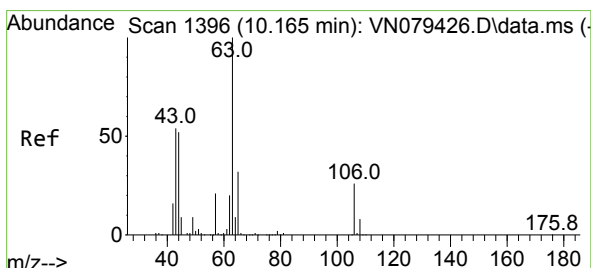
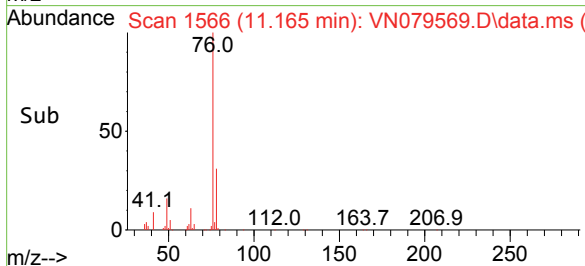
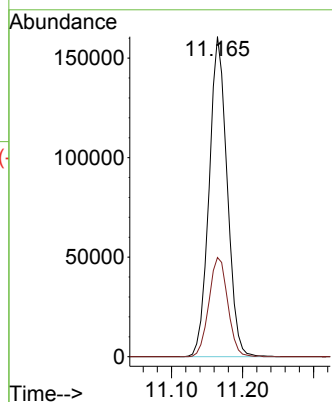
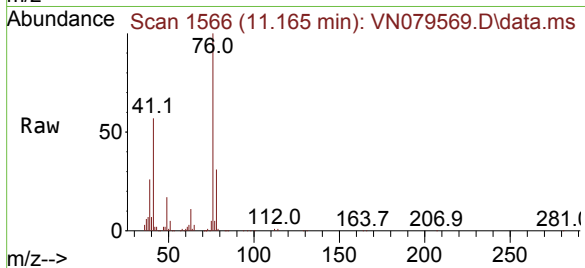
ClientSampleId :

Tgt Ion: 76 Resp: 283052

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 251.477 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079569.D

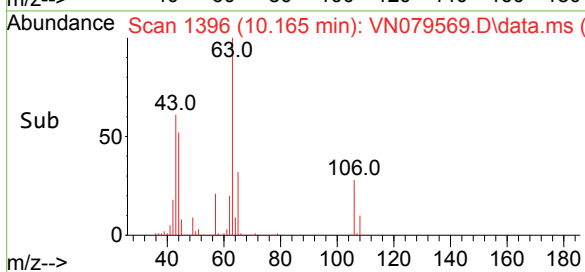
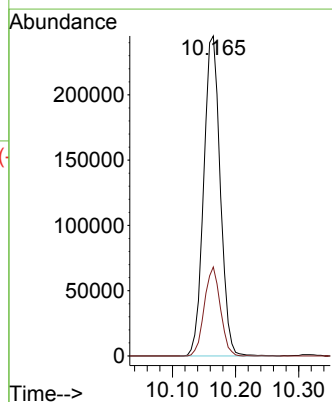
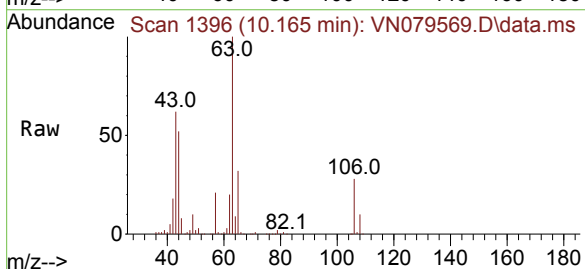
Acq: 13 Oct 2023 16:11

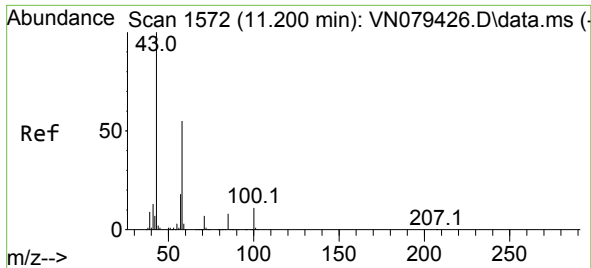
Tgt Ion: 63 Resp: 445483

Ion Ratio Lower Upper

63 100

106 27.0 26.2 39.4

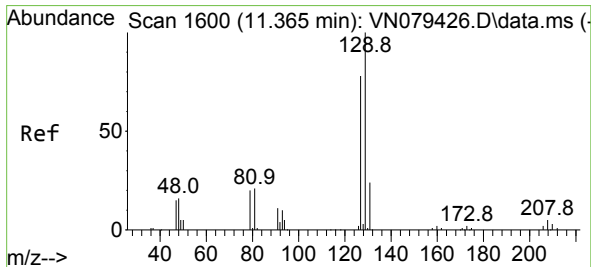
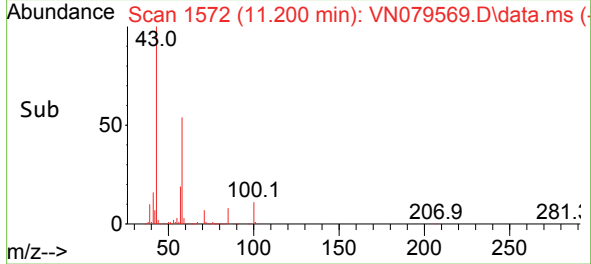
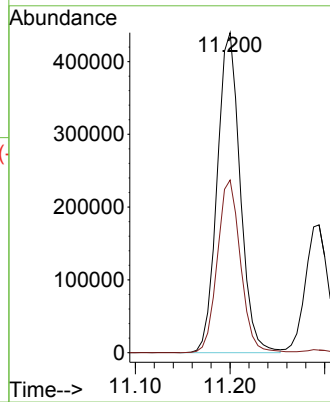
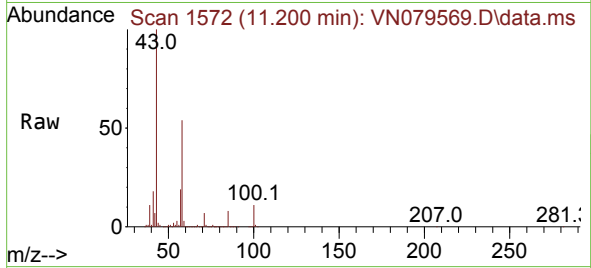




#59  
2-Hexanone  
Concen: 217.929 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

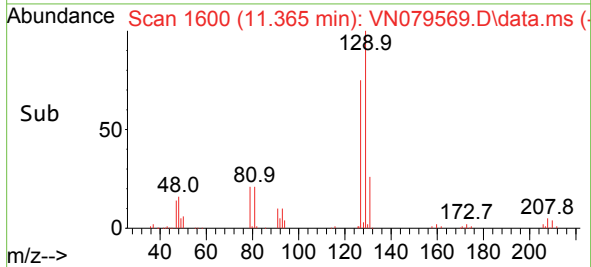
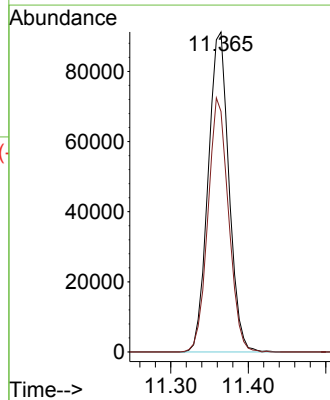
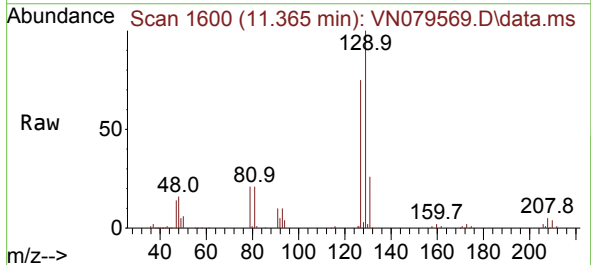
Instrument :  
MSVOA\_N  
ClientSampleId :

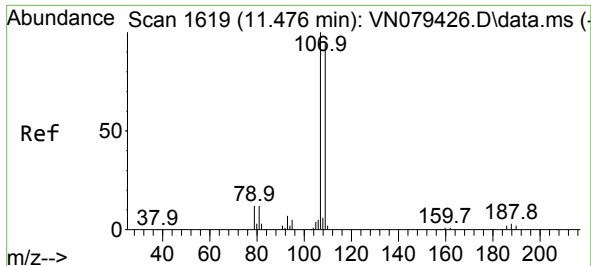
Tgt Ion: 43 Resp: 742267  
Ion Ratio Lower Upper  
43 100  
58 54.3 31.7 95.1



#60  
Dibromochloromethane  
Concen: 50.186 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion:129 Resp: 169786  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.6 116.0

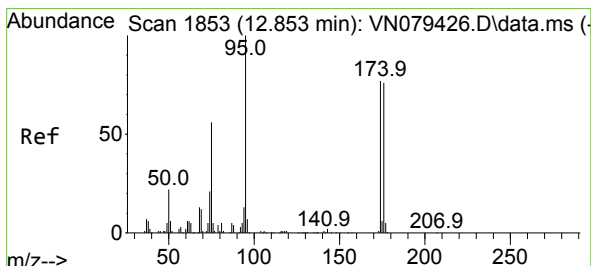
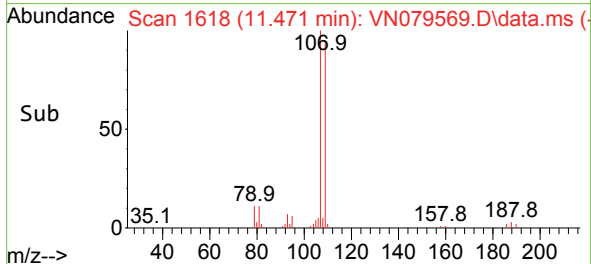
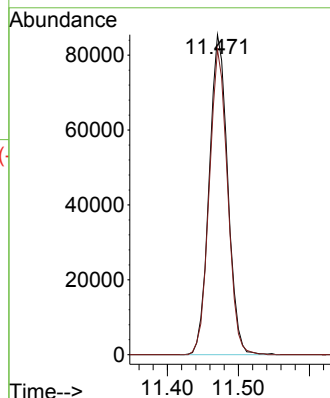
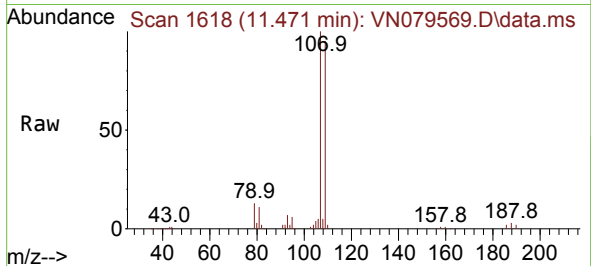




#61  
1,2-Dibromoethane  
Concen: 46.370 ug/l  
RT: 11.471 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

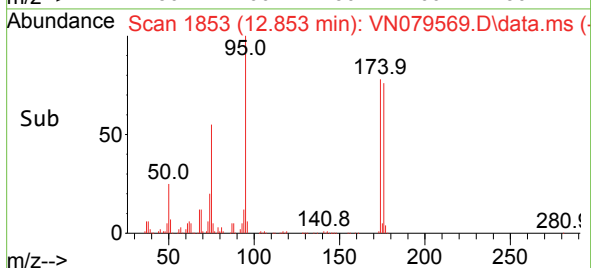
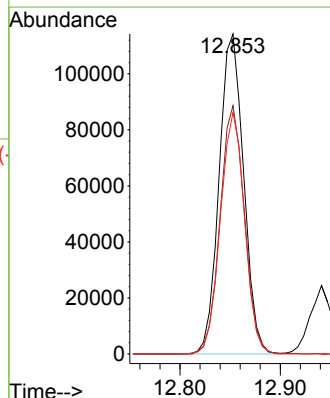
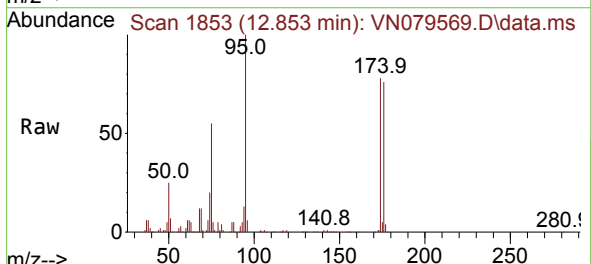
Instrument :  
MSVOA\_N  
ClientSampleId :

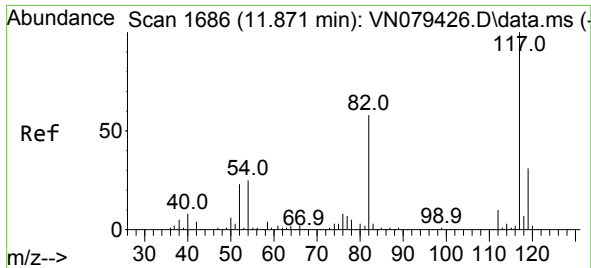
Tgt Ion:107 Resp: 154905  
Ion Ratio Lower Upper  
107 100  
109 94.1 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 52.175 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 95 Resp: 193617  
Ion Ratio Lower Upper  
95 100  
174 77.2 0.0 143.8  
176 74.3 0.0 135.8

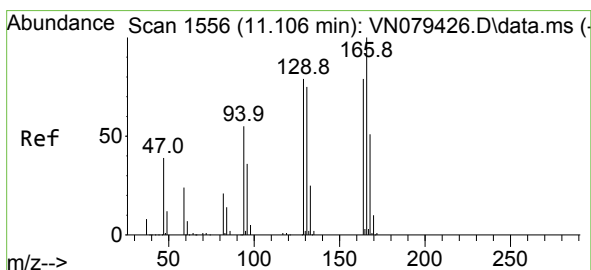
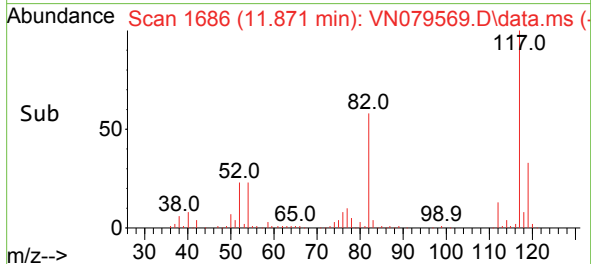
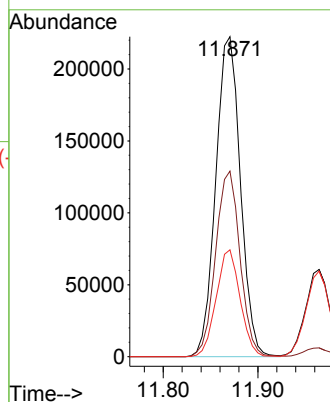
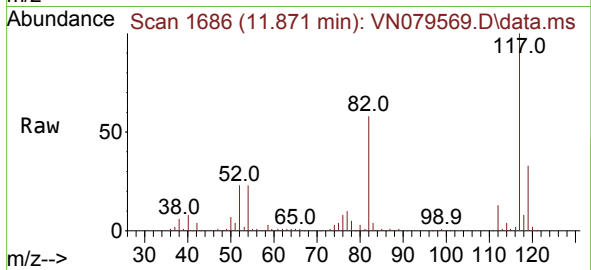




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

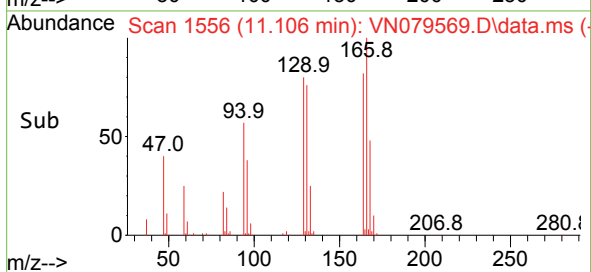
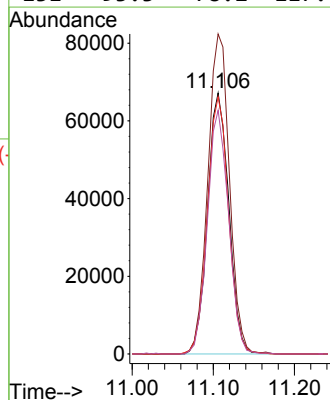
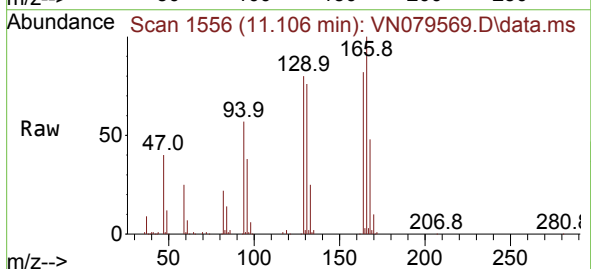
Instrument :  
MSVOA\_N  
ClientSampleId :

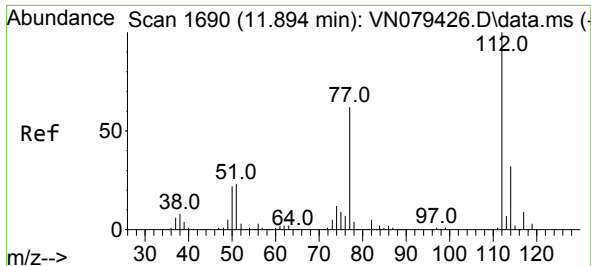
Tgt Ion:117 Resp: 403370  
Ion Ratio Lower Upper  
117 100  
82 58.0 44.0 66.0  
119 33.4 25.6 38.4



#64  
Tetrachloroethene  
Concen: 44.210 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion:164 Resp: 122678  
Ion Ratio Lower Upper  
164 100  
166 122.6 101.4 152.0  
129 98.5 82.4 123.6  
131 93.3 78.2 117.4

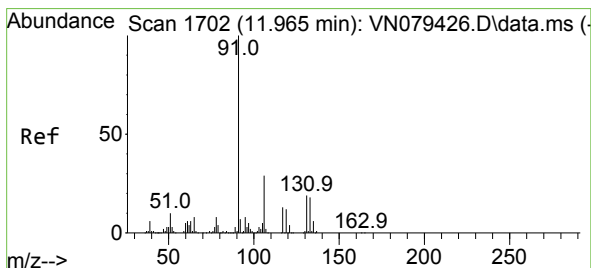
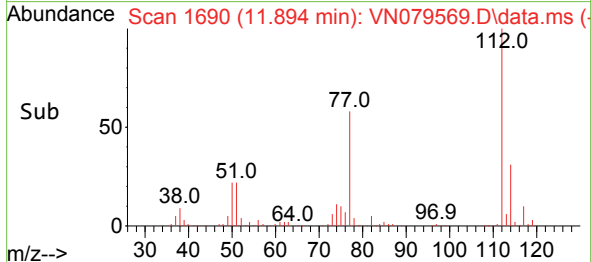
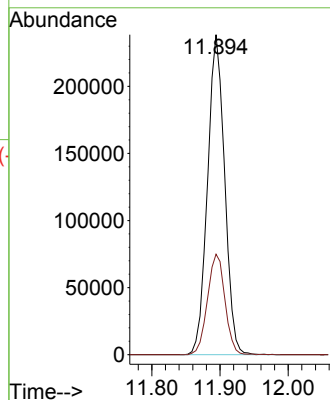
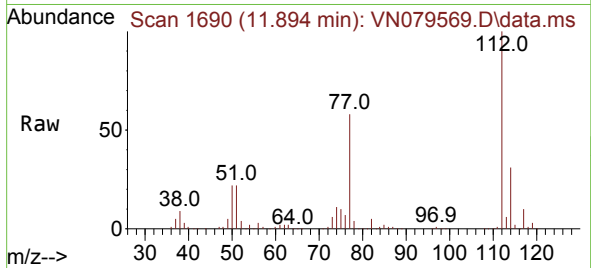




#65  
Chlorobenzene  
Concen: 46.300 ug/l  
RT: 11.894 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

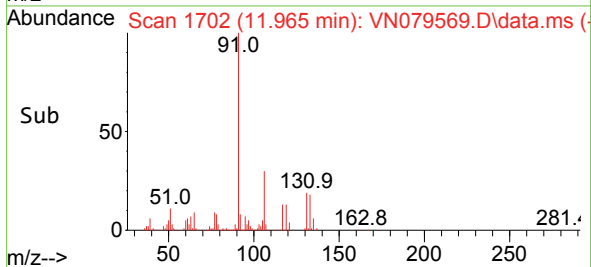
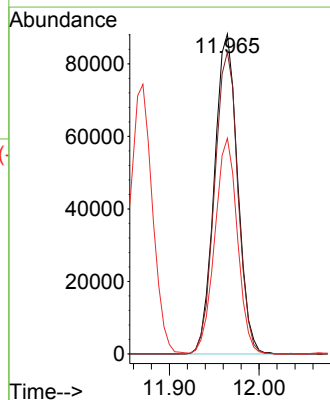
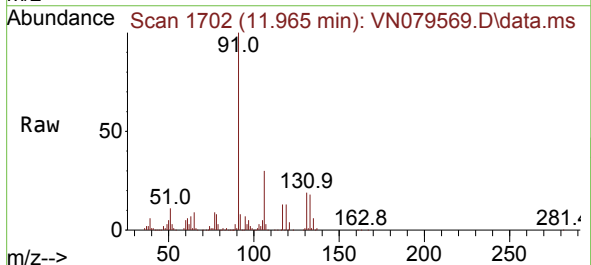
Instrument :  
MSVOA\_N  
ClientSampleId :

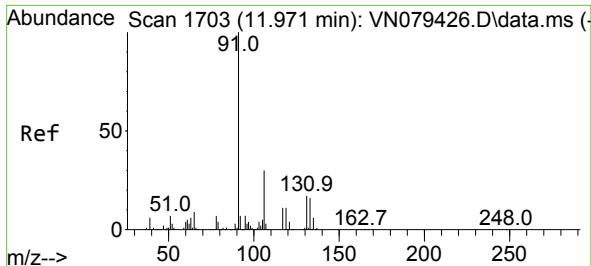
Tgt Ion:112 Resp: 415916  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.260 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion:131 Resp: 158734  
Ion Ratio Lower Upper  
131 100  
133 94.5 46.4 139.1  
119 65.5 34.1 102.2

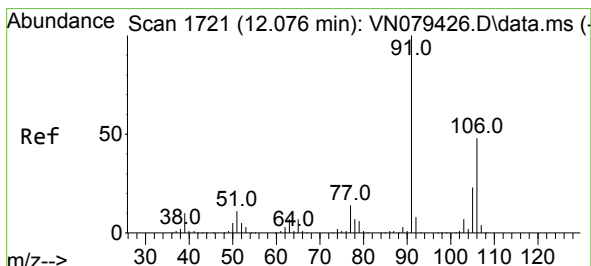
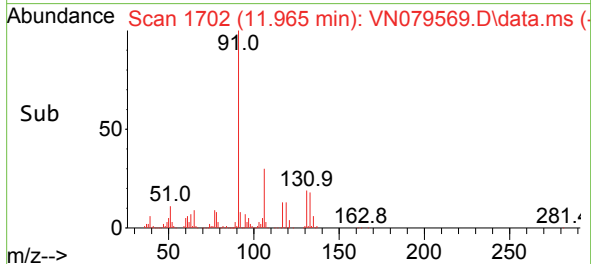
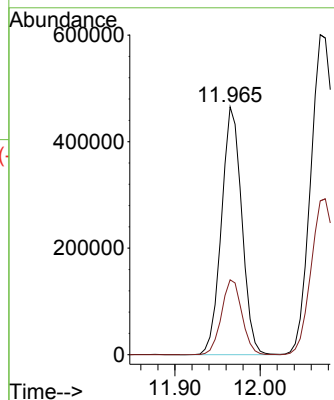
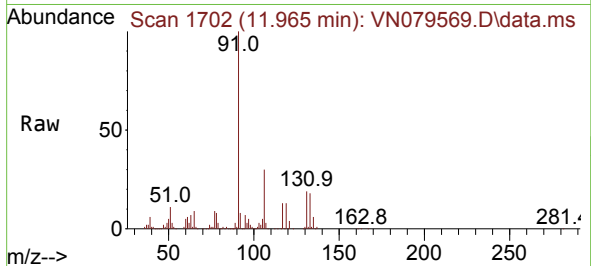




#67  
Ethyl Benzene  
Concen: 49.371 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

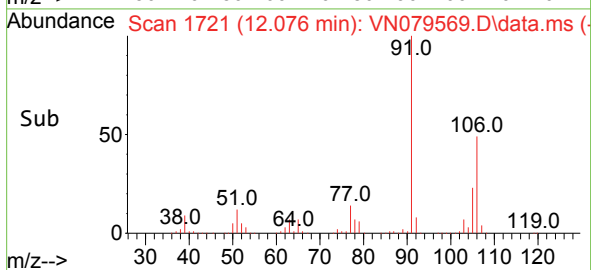
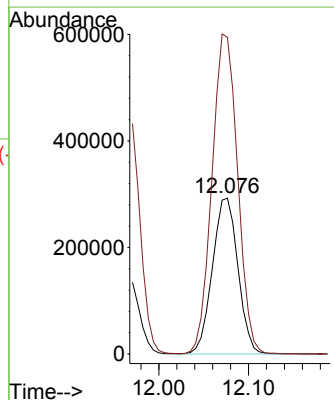
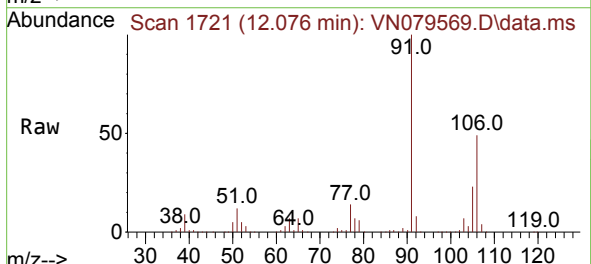
Instrument :  
MSVOA\_N  
ClientSampleId :

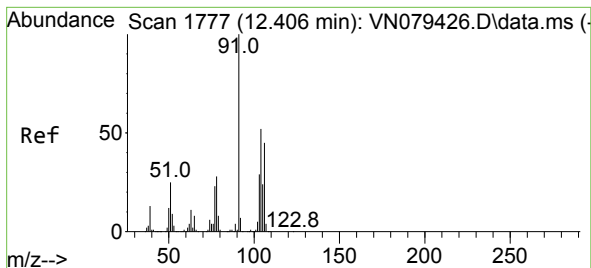
Tgt Ion: 91 Resp: 770858  
Ion Ratio Lower Upper  
91 100  
106 30.2 25.6 38.4



#68  
m/p-Xylenes  
Concen: 101.743 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion:106 Resp: 577202  
Ion Ratio Lower Upper  
106 100  
91 206.6 159.6 239.4

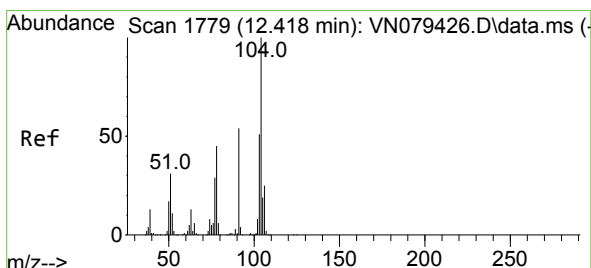
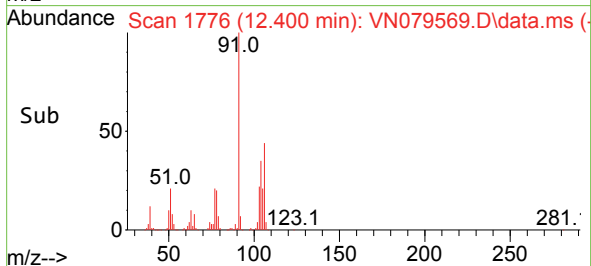
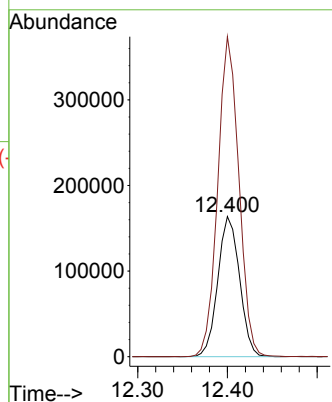
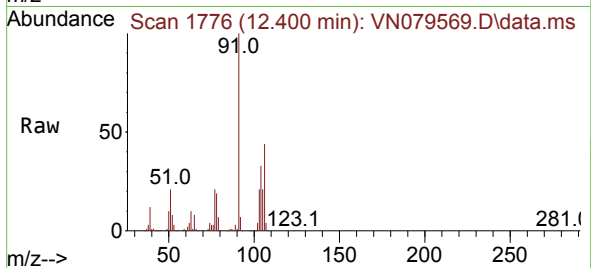




#69  
o-Xylene  
Concen: 49.359 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

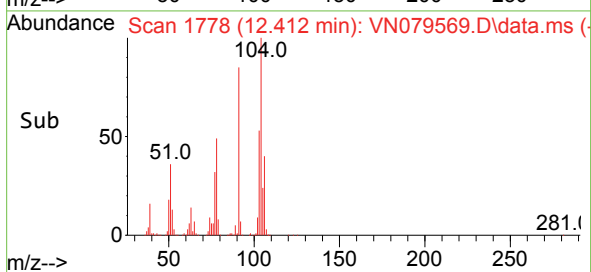
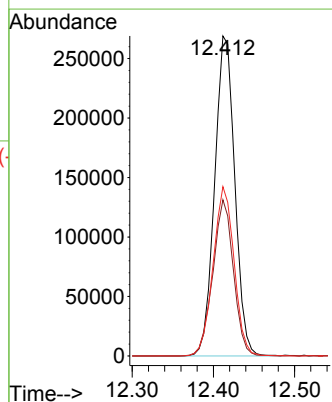
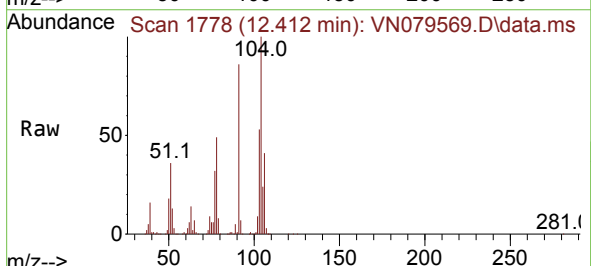
Instrument :  
MSVOA\_N  
ClientSampleId :

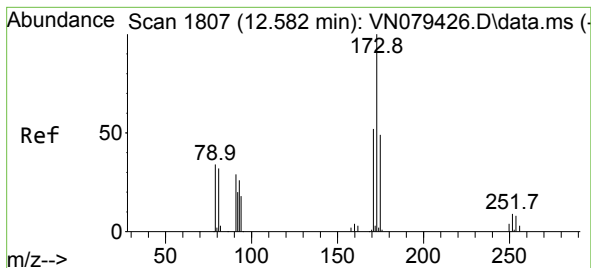
Tgt Ion:106 Resp: 275387  
Ion Ratio Lower Upper  
106 100  
91 222.4 105.2 315.5



#70  
Styrene  
Concen: 52.722 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.006 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion:104 Resp: 464625  
Ion Ratio Lower Upper  
104 100  
78 49.9 39.5 59.3  
103 55.0 43.2 64.8





#71

Bromoform

Concen: 46.137 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

ClientSampleId :

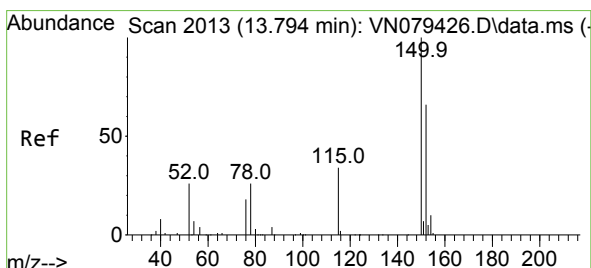
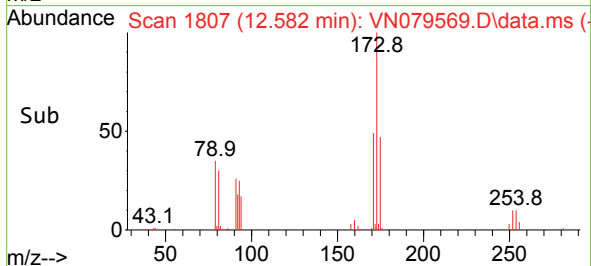
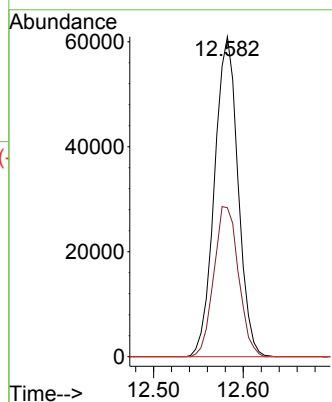
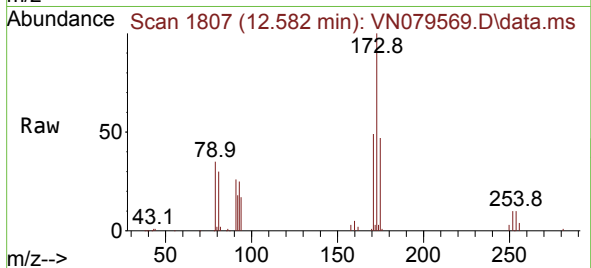
Tgt Ion:173 Resp: 111064

Ion Ratio Lower Upper

173 100

175 49.1 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

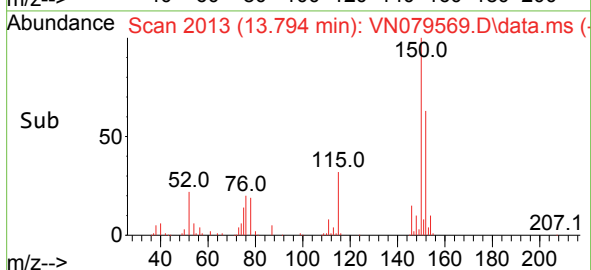
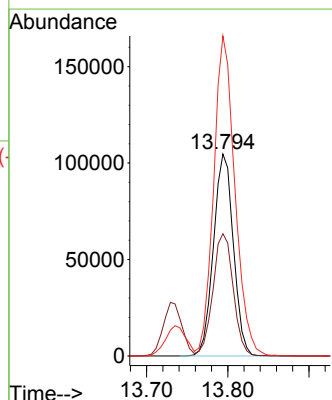
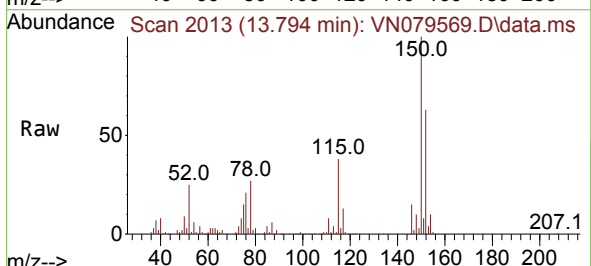
Tgt Ion:152 Resp: 178204

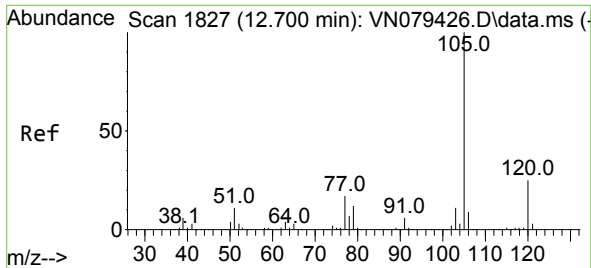
Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 169.4 0.0 355.8

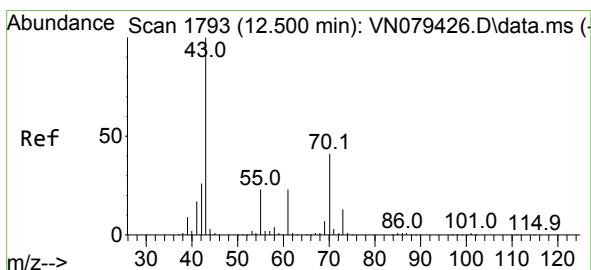
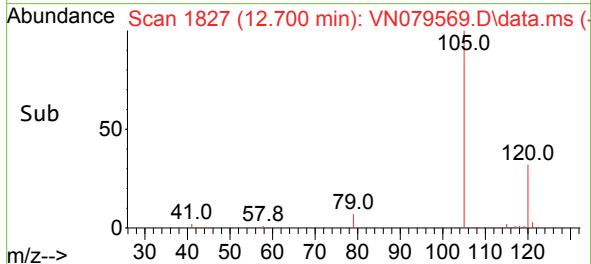
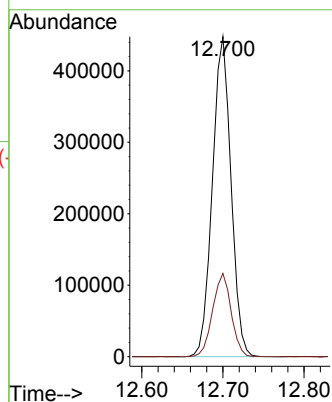
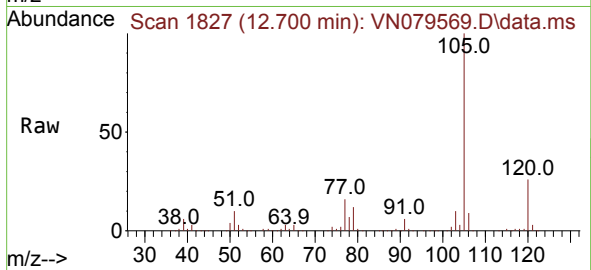




#73  
Isopropylbenzene  
Concen: 42.953 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

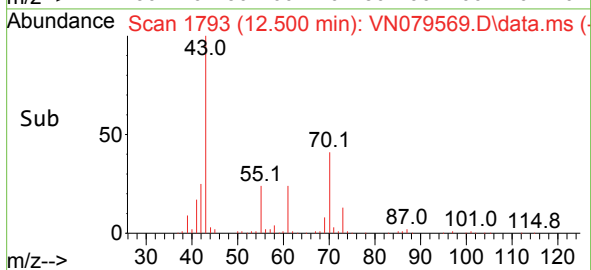
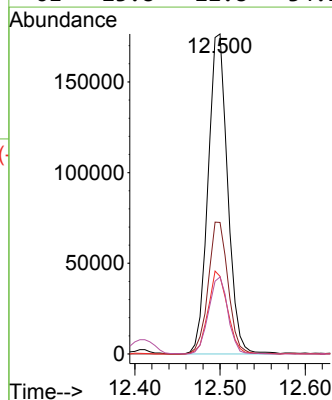
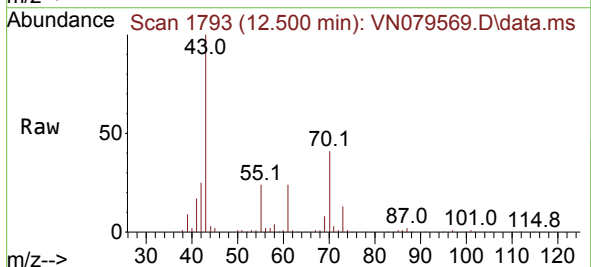
Instrument :  
MSVOA\_N  
ClientSampleId :

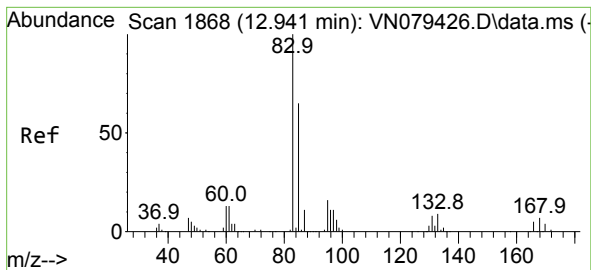
Tgt Ion:105 Resp: 712110  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.1 39.1



#74  
N-ethyl acetate  
Concen: 41.452 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 43 Resp: 281733  
Ion Ratio Lower Upper  
43 100  
70 41.9 43.4 65.2#  
55 25.8 21.4 32.0  
61 23.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 42.183 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

ClientSampleId :

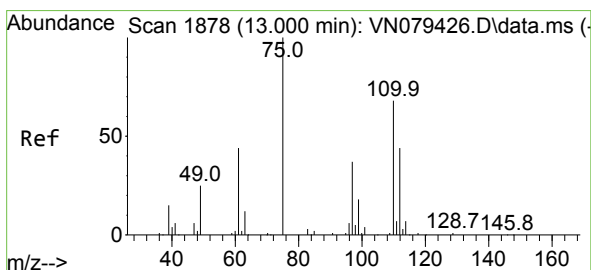
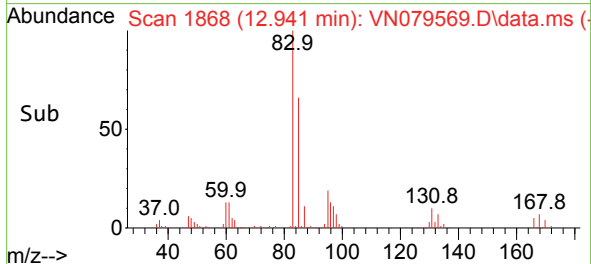
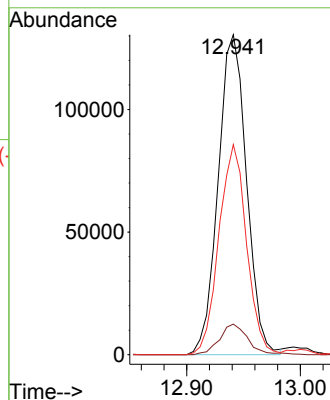
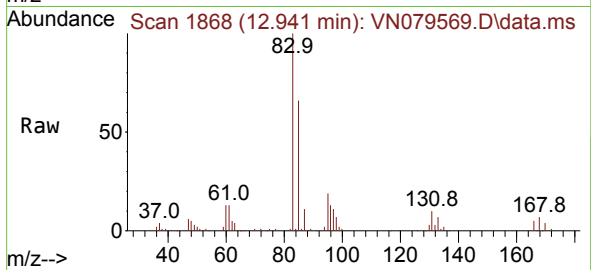
Tgt Ion: 83 Resp: 226746

Ion Ratio Lower Upper

83 100

131 9.6 5.0 15.0

85 63.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 54.081 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079569.D

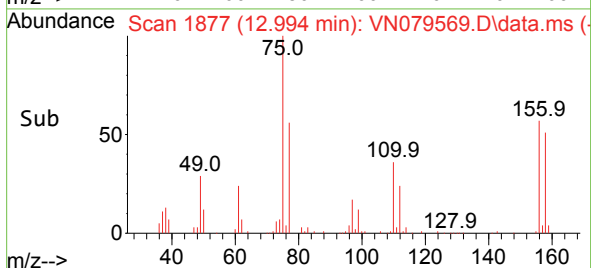
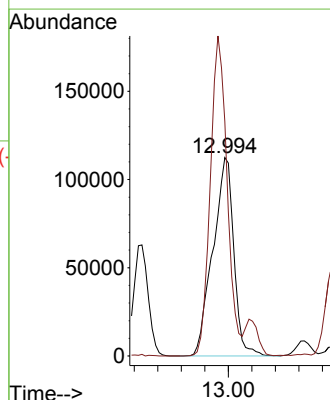
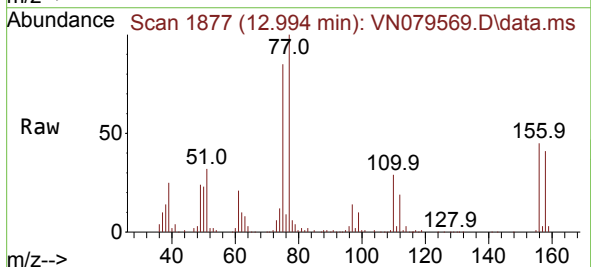
Acq: 13 Oct 2023 16:11

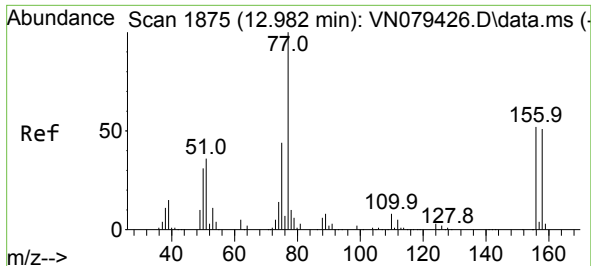
Tgt Ion: 75 Resp: 277873

Ion Ratio Lower Upper

75 100

77 129.9 84.5 253.5

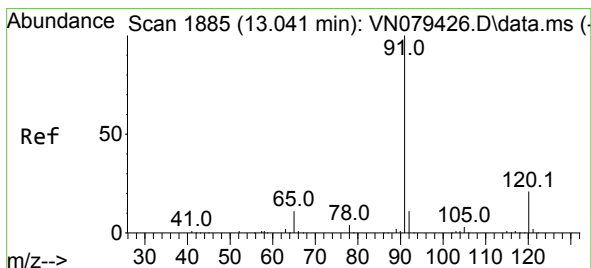
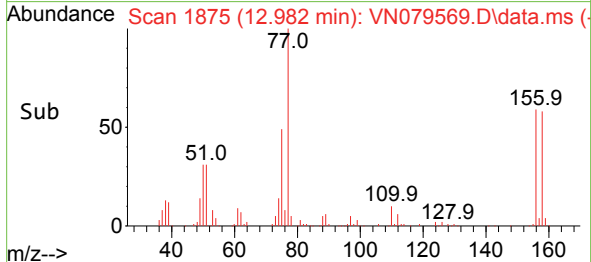
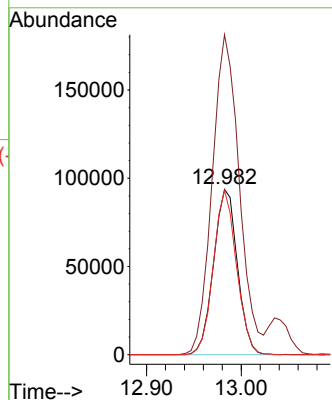
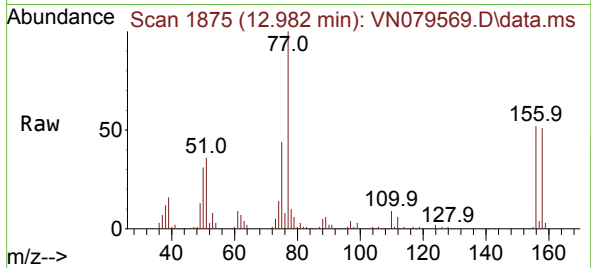




#77  
Bromobenzene  
Concen: 40.232 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

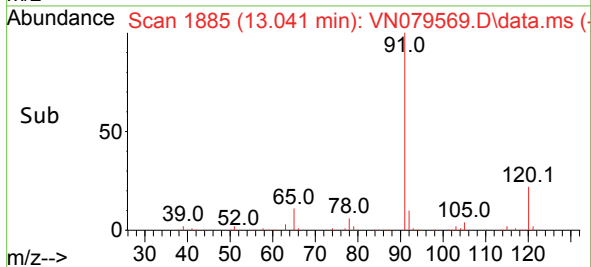
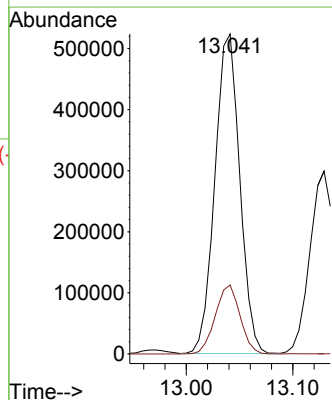
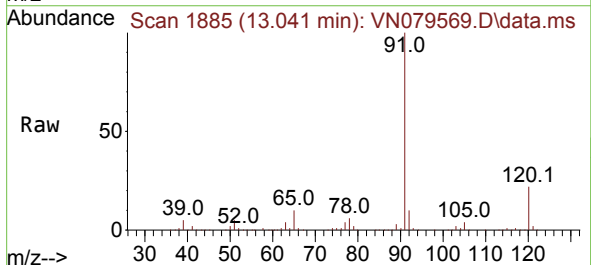
Instrument :  
MSVOA\_N  
ClientSampleId :

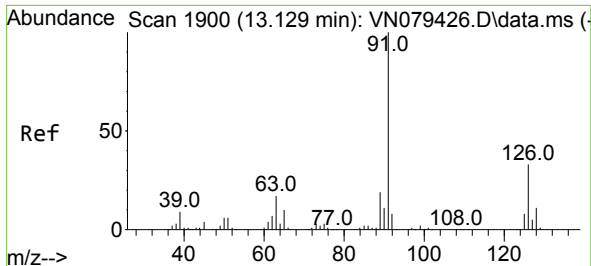
Tgt Ion:156 Resp: 163549  
Ion Ratio Lower Upper  
156 100  
77 220.7 107.7 323.3  
158 96.5 48.4 145.3



#78  
n-propylbenzene  
Concen: 45.194 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Tgt Ion: 91 Resp: 847725  
Ion Ratio Lower Upper  
91 100  
120 21.4 11.5 34.4

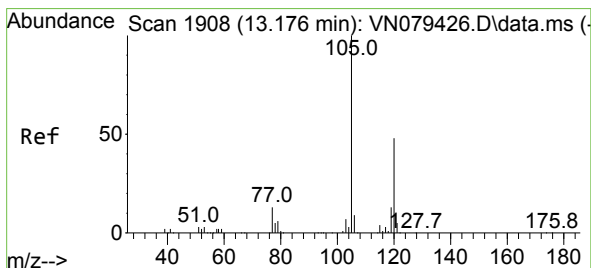
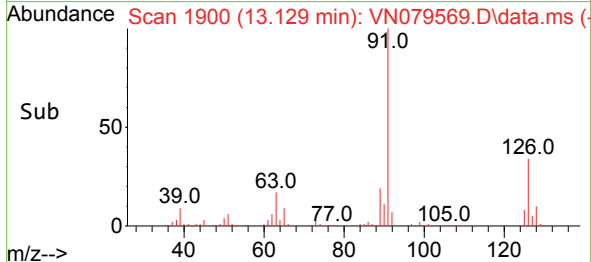
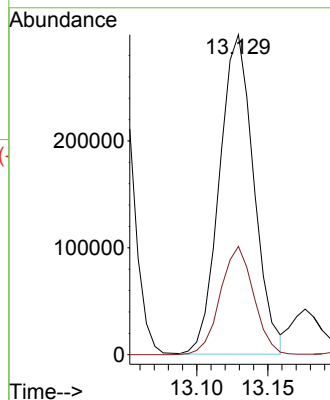
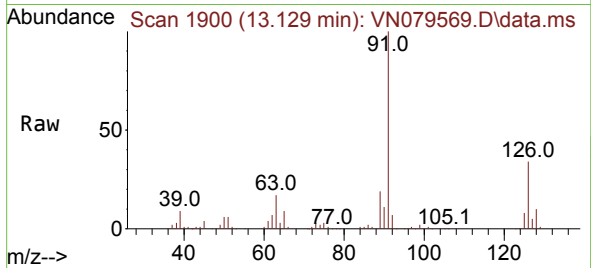




#79  
2-Chlorotoluene  
Concen: 41.968 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

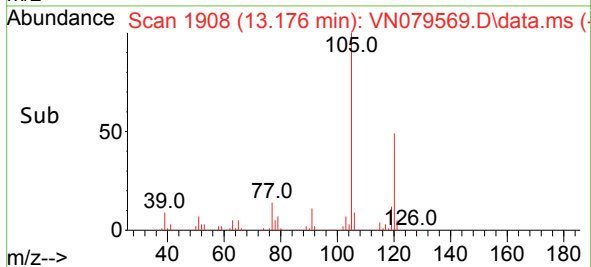
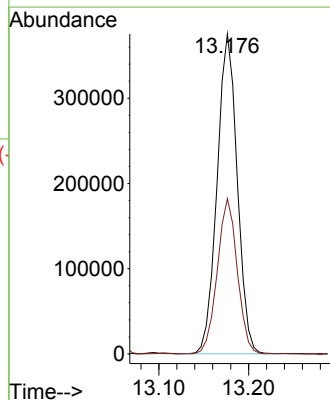
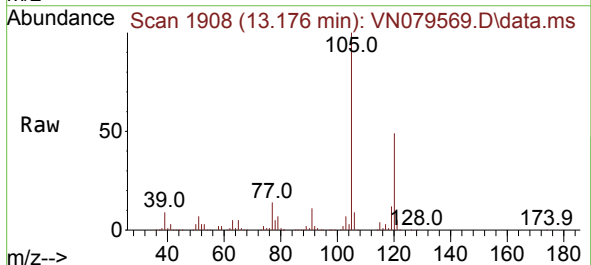
Instrument :  
MSVOA\_N  
ClientSampleId :

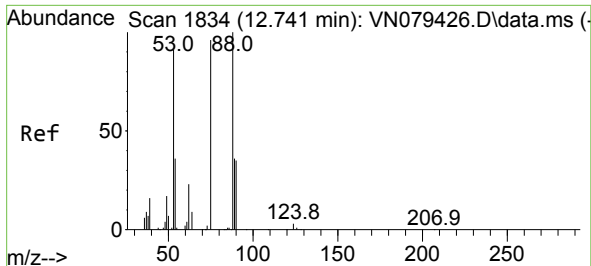
Tgt Ion: 91 Resp: 503731  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 44.711 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

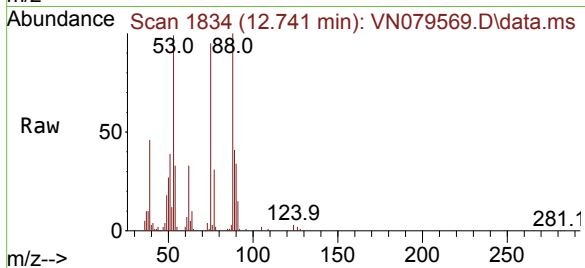
Tgt Ion:105 Resp: 584509  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.1 72.3



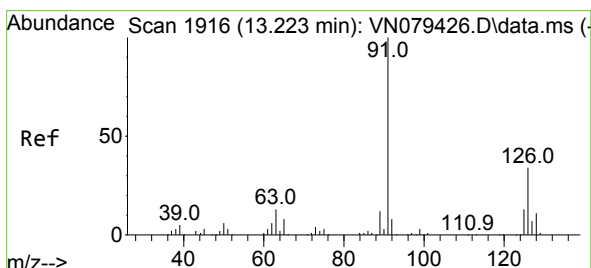
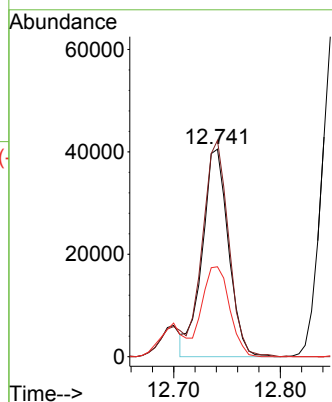
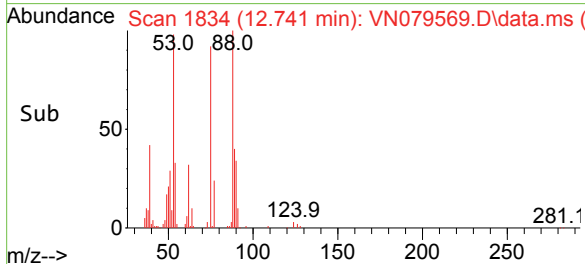


#81  
trans-1,4-Dichloro-2-butene  
Concen: 39.171 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

Instrument :  
MSVOA\_N  
ClientSampleId :

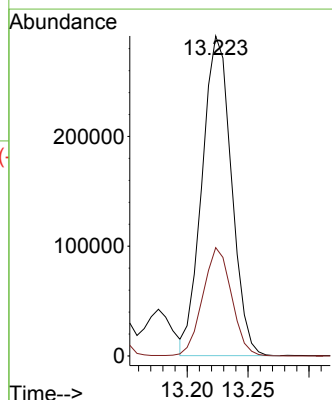
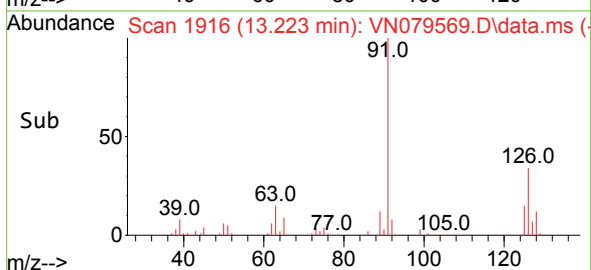
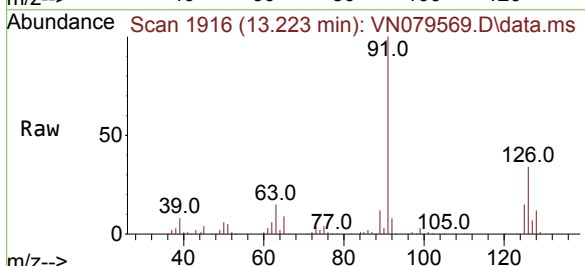


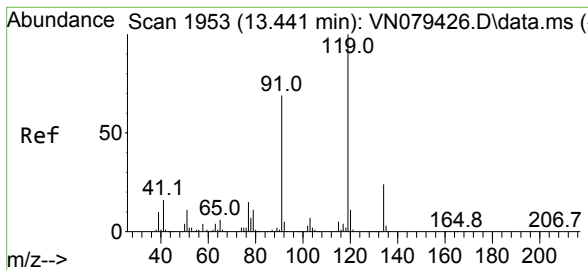
Tgt Ion: 75 Resp: 69365  
Ion Ratio Lower Upper  
75 100  
53 102.9 67.4 101.2#  
89 44.4 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 42.916 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN079569.D  
Acq: 13 Oct 2023 16:11

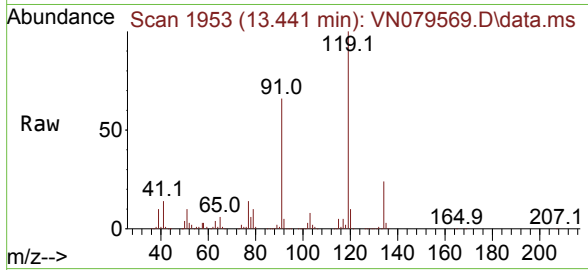
Tgt Ion: 91 Resp: 490175  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.7 50.0





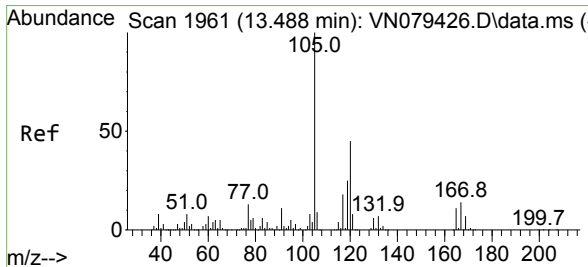
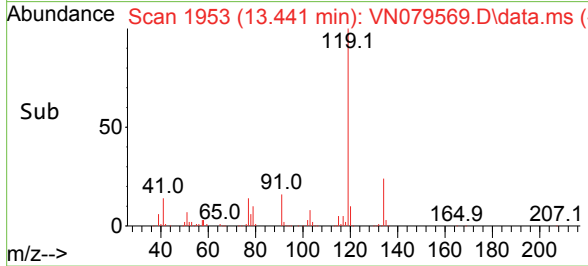
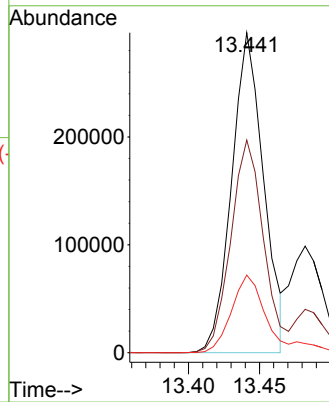
#83  
 tert-Butylbenzene  
 Concen: 43.394 ug/l  
 RT: 13.441 min Scan# 1953  
 Delta R.T. 0.000 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:119 Resp: 464793  

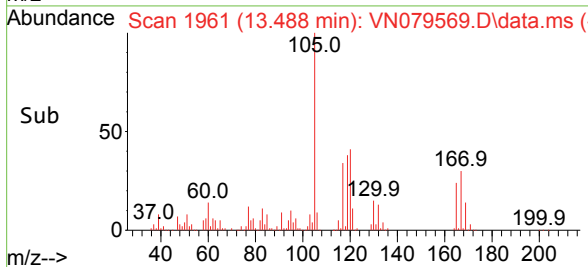
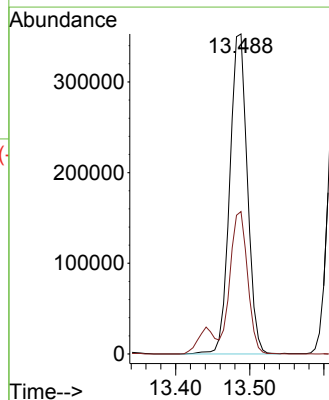
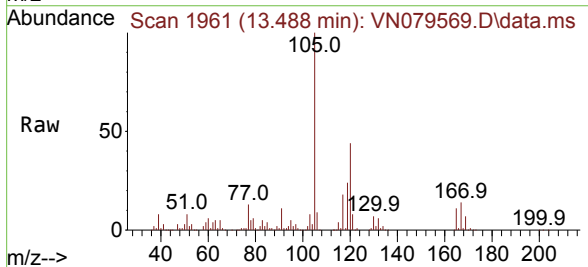
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 68.5  | 33.9  | 101.7 |
| 134 | 27.5  | 13.2  | 39.6  |

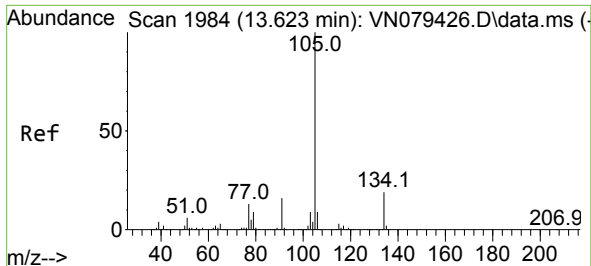


#84  
 1,2,4-Trimethylbenzene  
 Concen: 46.610 ug/l  
 RT: 13.488 min Scan# 1961  
 Delta R.T. 0.000 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

Tgt Ion:105 Resp: 581512  

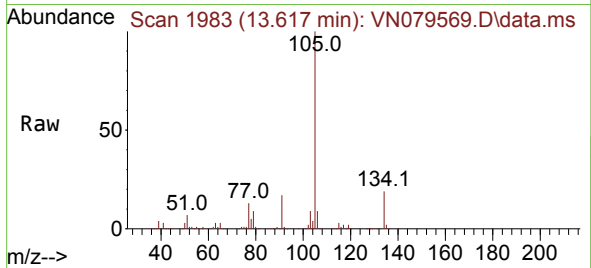
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 44.1  | 22.0  | 66.0  |



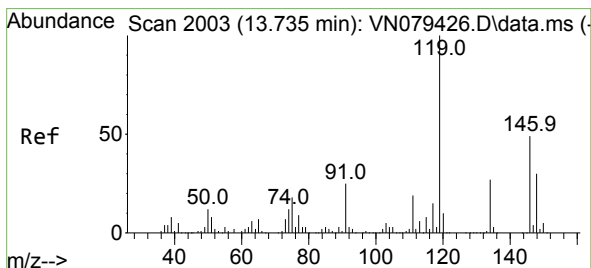
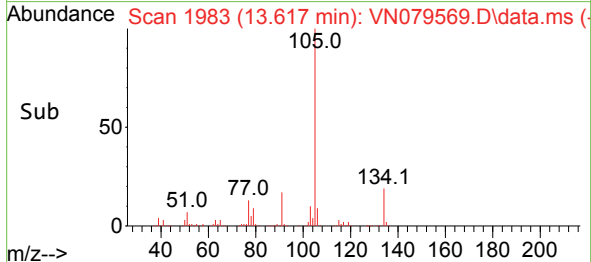
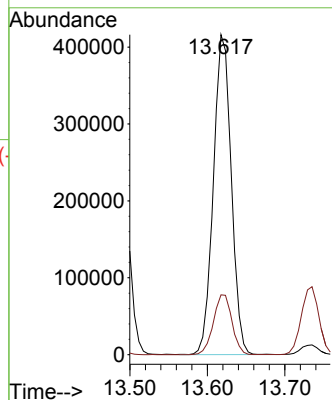


#85  
 sec-Butylbenzene  
 Concen: 44.619 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.006 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :

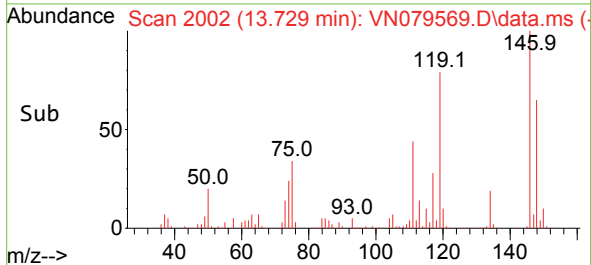
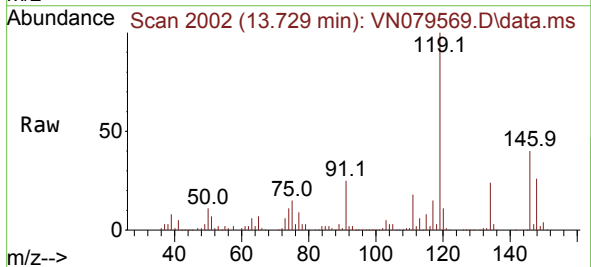
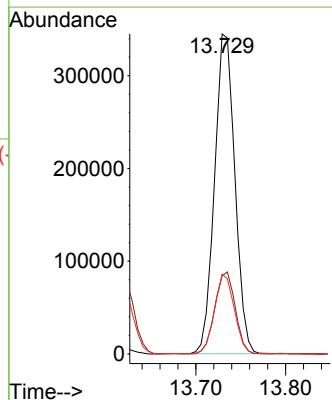


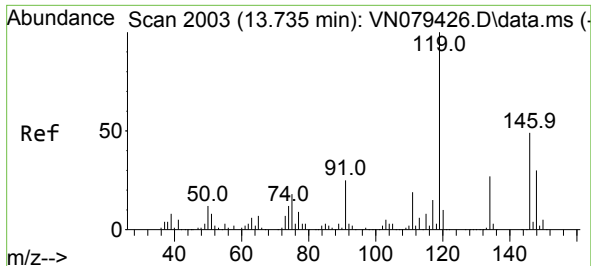
Tgt Ion:105 Resp: 666611  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 47.447 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.006 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

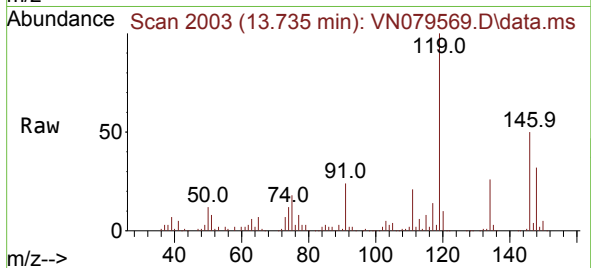
Tgt Ion:119 Resp: 543796  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 12.6 37.8  
 91 24.3 12.4 37.2



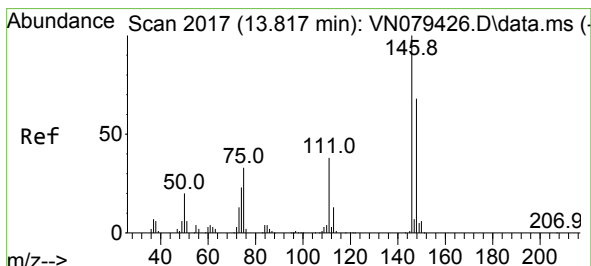
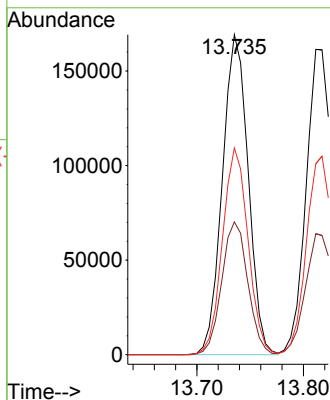
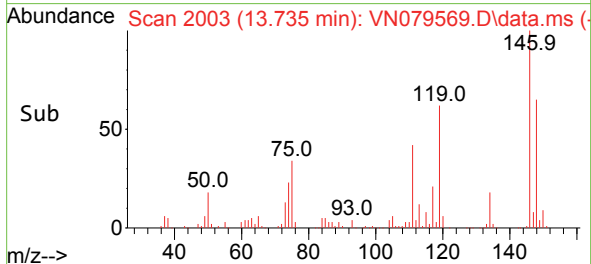


#87  
 1,3-Dichlorobenzene  
 Concen: 44.159 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

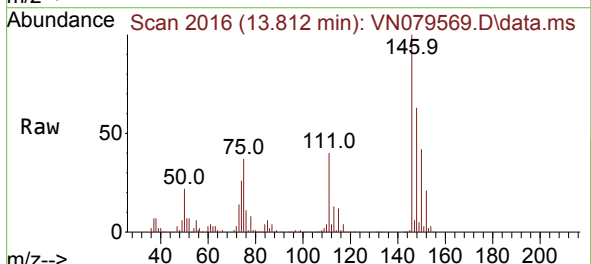
Instrument :  
 MSVOA\_N  
 ClientSampleId :



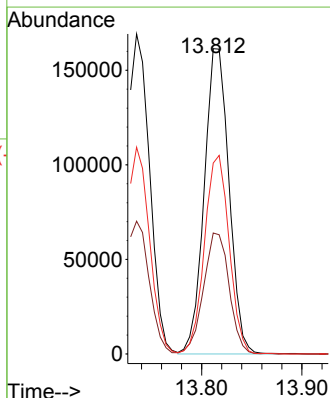
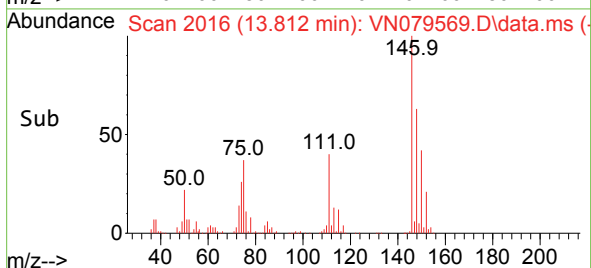
Tgt Ion:146 Resp: 284715  
 Ion Ratio Lower Upper  
 146 100  
 111 42.0 22.1 66.3  
 148 64.1 32.0 96.0

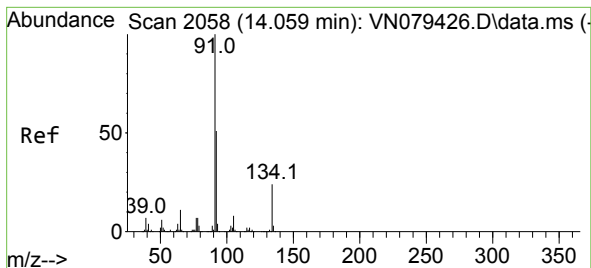


#88  
 1,4-Dichlorobenzene  
 Concen: 41.685 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. -0.006 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11



Tgt Ion:146 Resp: 277515  
 Ion Ratio Lower Upper  
 146 100  
 111 40.8 20.6 61.8  
 148 64.8 31.6 94.8





#89

n-Butylbenzene

Concen: 49.150 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

ClientSampleId :

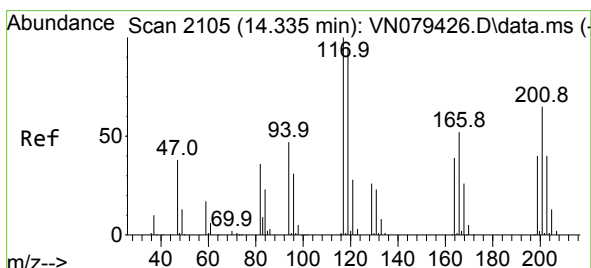
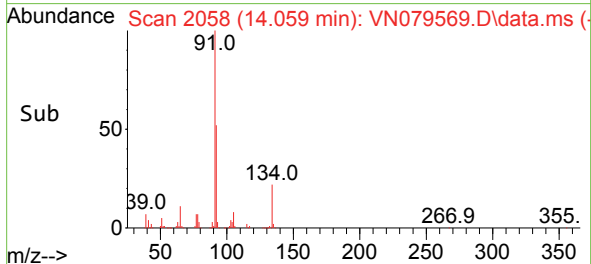
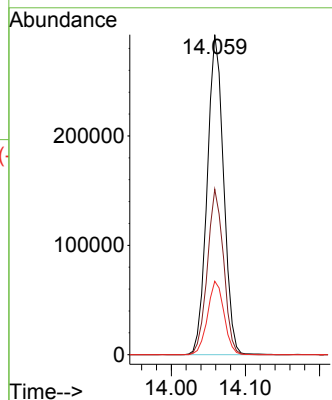
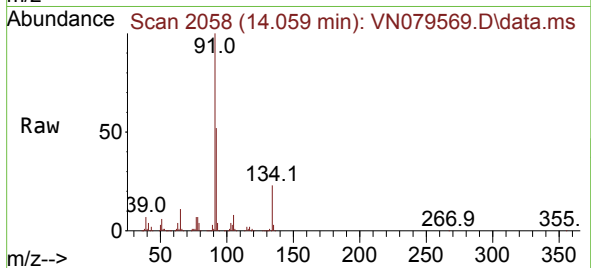
Tgt Ion: 91 Resp: 449835

Ion Ratio Lower Upper

91 100

92 51.1 26.4 79.0

134 23.1 12.6 37.6



#90

Hexachloroethane

Concen: 46.719 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079569.D

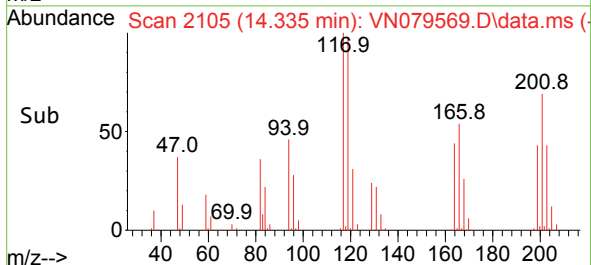
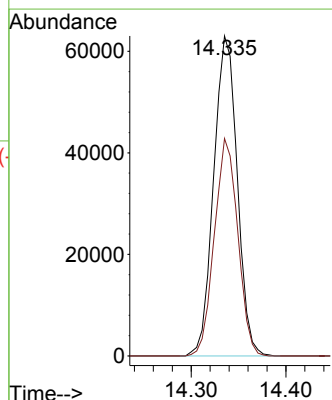
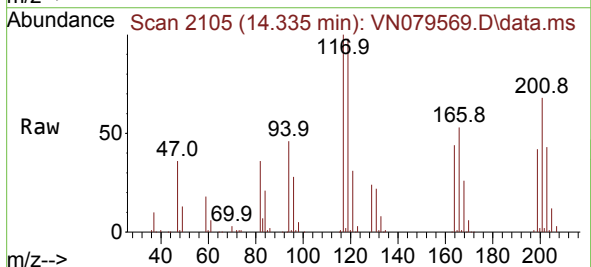
Acq: 13 Oct 2023 16:11

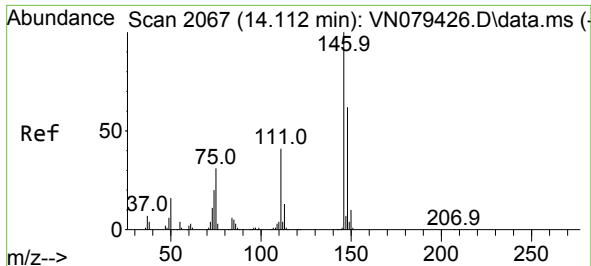
Tgt Ion: 117 Resp: 108866

Ion Ratio Lower Upper

117 100

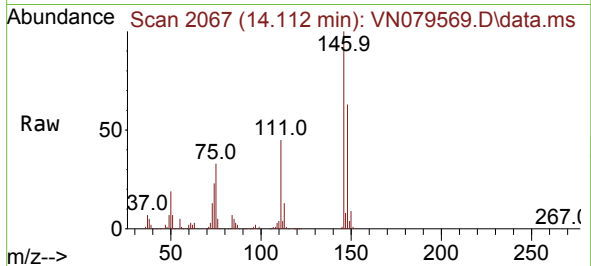
201 67.5 29.3 88.0



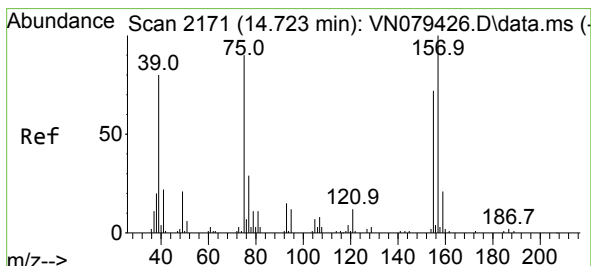
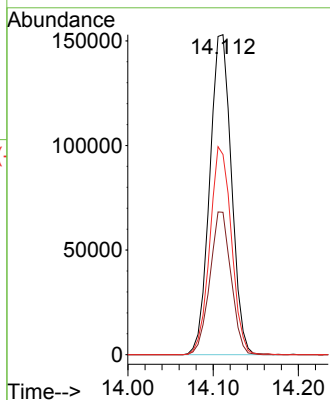
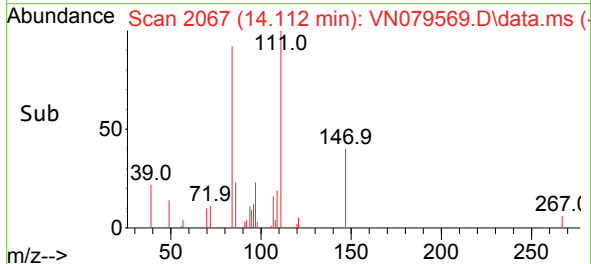


#91  
 1,2-Dichlorobenzene  
 Concen: 43.046 ug/l  
 RT: 14.112 min Scan# 2067  
 Delta R.T. 0.000 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11

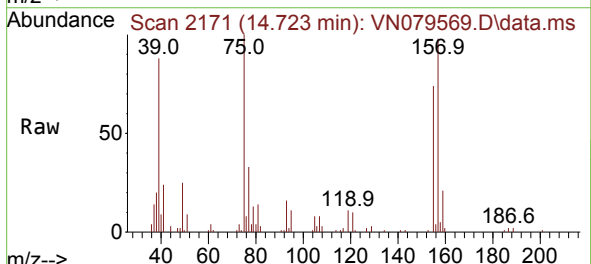
Instrument :  
 MSVOA\_N  
 ClientSampleId :



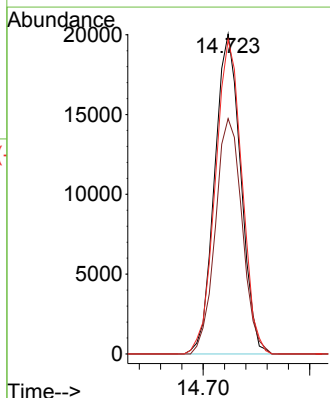
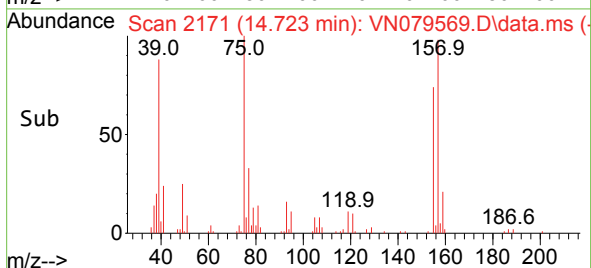
Tgt Ion:146 Resp: 270723  
 Ion Ratio Lower Upper  
 146 100  
 111 43.5 22.0 66.0  
 148 64.6 31.8 95.3

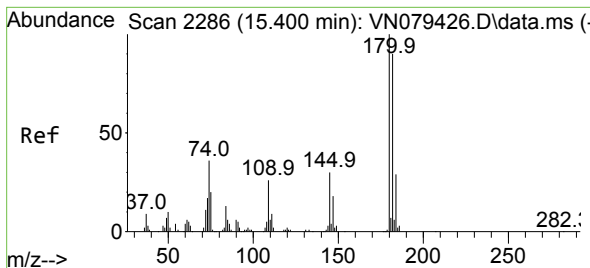


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 35.589 ug/l  
 RT: 14.723 min Scan# 2171  
 Delta R.T. 0.000 min  
 Lab File: VN079569.D  
 Acq: 13 Oct 2023 16:11



Tgt Ion: 75 Resp: 34118  
 Ion Ratio Lower Upper  
 75 100  
 155 75.4 39.1 117.2  
 157 100.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 45.130 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

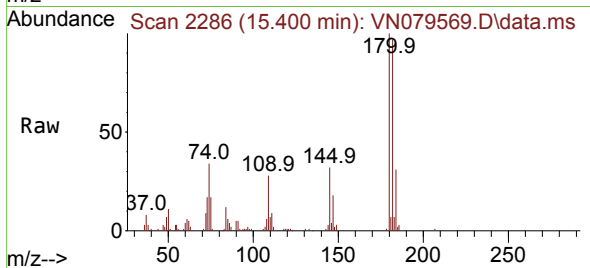
Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

ClientSampleId :



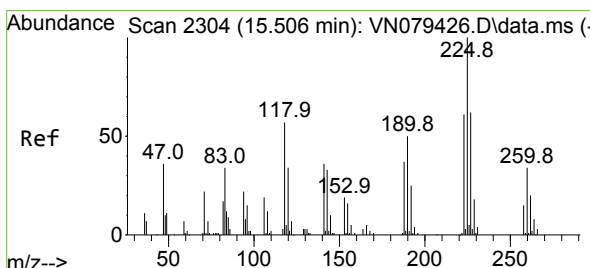
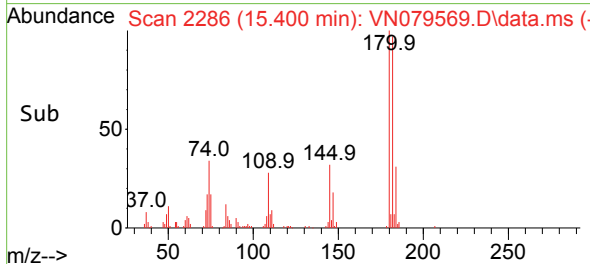
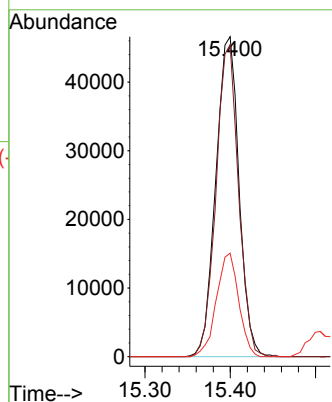
Tgt Ion:180 Resp: 87905

Ion Ratio Lower Upper

180 100

182 94.8 46.1 138.2

145 31.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 40.708 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

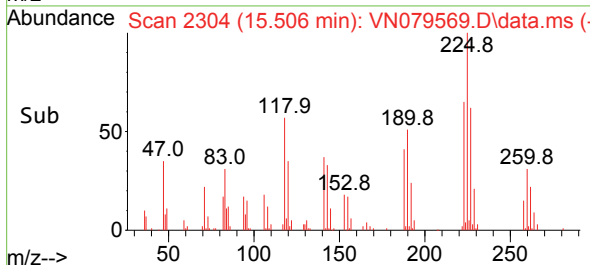
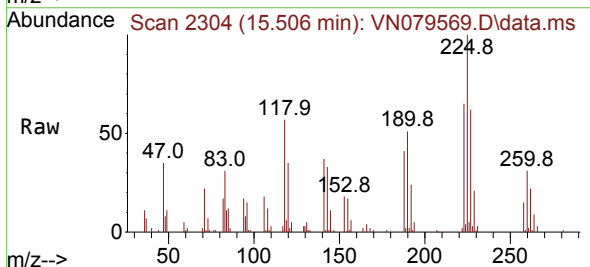
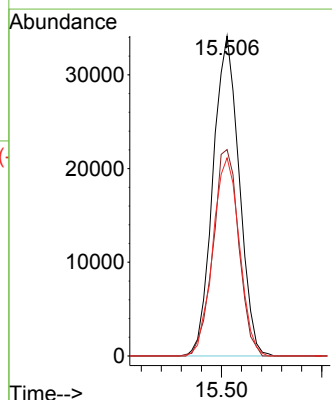
Tgt Ion:225 Resp: 61756

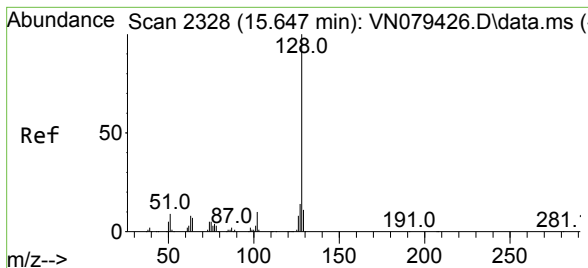
Ion Ratio Lower Upper

225 100

223 63.7 31.3 93.8

227 63.0 31.9 95.9





#95

Naphthalene

Concen: 37.604 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA\_N

ClientSampleId :

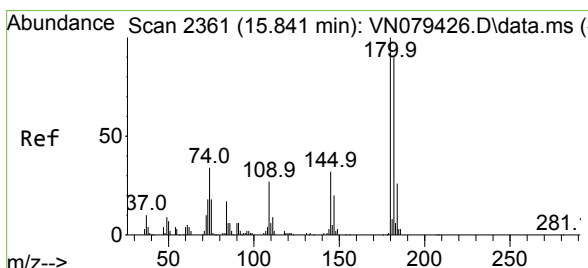
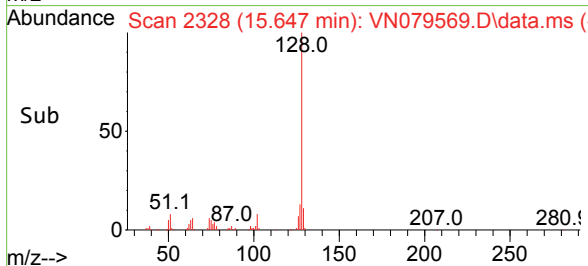
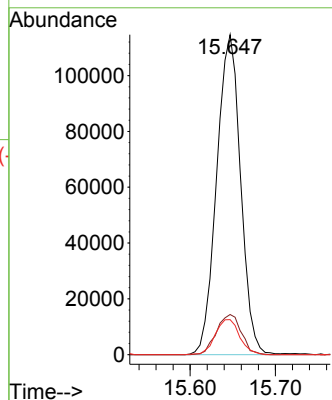
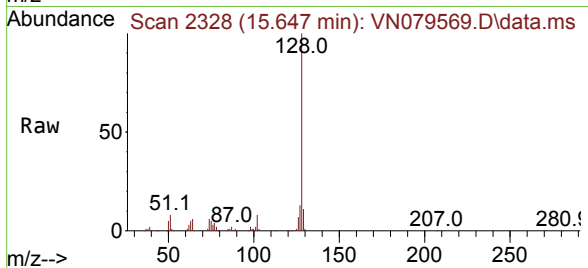
Tgt Ion:128 Resp: 223671

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 39.620 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Tgt Ion:180 Resp: 92095

Ion Ratio Lower Upper

180 100

182 92.4 46.2 138.6

145 32.8 17.5 52.6

