

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032523\  
 Data File : VN077187.D  
 Acq On : 24 Mar 2023 20:54  
 Operator : JC\MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC005

Quant Time: Mar 25 05:59:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 25 05:52:26 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.230  | 168   | 394986   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.107  | 114   | 703448   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.866 | 117   | 620803   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.795 | 152   | 247459   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.583  | 65    | 32680    | 5.280    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 10.560%# |
| 35) Dibromofluoromethane     | 8.172  | 113   | 25134    | 5.245    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 10.480%# |
| 50) Toluene-d8               | 10.572 | 98    | 89335    | 4.982    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 9.960%#  |
| 62) 4-Bromofluorobenzene     | 12.854 | 95    | 27285    | 4.594    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 9.180%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.137  | 85    | 24267    | 5.534    | ug/l   | 100      |
| 3) Chloromethane             | 2.372  | 50    | 31889    | 5.454    | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.525  | 62    | 35278    | 5.455    | ug/l   | 99       |
| 5) Bromomethane              | 2.943  | 94    | 29846    | 5.831    | ug/l   | 91       |
| 6) Chloroethane              | 3.125  | 64    | 28245    | 3.798    | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.507  | 101   | 50033    | 5.529    | ug/l   | 86       |
| 8) Diethyl Ether             | 3.978  | 74    | 15048    | 4.945    | ug/l   | 89       |
| 9) 1,1,2-Trichlorotrifluo... | 4.384  | 101   | 24529    | 5.583    | ug/l   | 99       |
| 10) Methyl Iodide            | 4.601  | 142   | 21453    | 4.386    | ug/l # | 97       |
| 11) Tert butyl alcohol       | 5.537  | 59    | 23152    | 27.057   | ug/l   | 96       |
| 12) 1,1-Dichloroethene       | 4.354  | 96    | 21548    | 5.268    | ug/l   | 87       |
| 13) Acrolein                 | 4.190  | 56    | 31261    | 26.481   | ug/l   | 99       |
| 14) Allyl chloride           | 5.031  | 41    | 41887    | 5.256    | ug/l   | 98       |
| 15) Acrylonitrile            | 5.731  | 53    | 71080    | 26.775   | ug/l   | 96       |
| 16) Acetone                  | 4.448  | 43    | 63825    | 27.025   | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.725  | 76    | 59906    | 5.117    | ug/l # | 94       |
| 18) Methyl Acetate           | 5.048  | 43    | 51061    | 5.447    | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.801  | 73    | 71642    | 4.880    | ug/l   | 98       |
| 20) Methylene Chloride       | 5.290  | 84    | 29823    | 5.521    | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 5.795  | 96    | 24640    | 5.419    | ug/l # | 85       |
| 22) Diisopropyl ether        | 6.678  | 45    | 82634    | 5.066    | ug/l   | 92       |
| 23) Vinyl Acetate            | 6.613  | 43    | 255937   | 21.413   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.578  | 63    | 50142    | 5.306    | ug/l   | 98       |
| 25) 2-Butanone               | 7.495  | 43    | 92223    | 25.783   | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.501  | 77    | 33956    | 5.295    | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.495  | 96    | 26836    | 5.080    | ug/l   | 99       |
| 28) Bromochloromethane       | 7.819  | 49    | 23121    | 4.857    | ug/l   | 97       |
| 29) Tetrahydrofuran          | 7.854  | 42    | 59936    | 25.695   | ug/l   | 98       |
| 30) Chloroform               | 7.978  | 83    | 48974    | 5.251    | ug/l   | 99       |
| 31) Cyclohexane              | 8.260  | 56    | 51804    | 5.990    | ug/l # | 95       |
| 32) 1,1,1-Trichloroethane    | 8.178  | 97    | 40081    | 5.012    | ug/l # | 90       |
| 36) 1,1-Dichloropropene      | 8.372  | 75    | 33945    | 5.046    | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.566  | 43    | 39086    | 5.242    | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.366  | 117   | 34849    | 5.042    | ug/l   | 91       |
| 39) Methylcyclohexane        | 9.601  | 83    | 36842    | 4.820    | ug/l   | 93       |
| 40) Benzene                  | 8.613  | 78    | 105076   | 5.088    | ug/l   | 93       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032523\  
 Data File : VN077187.D  
 Acq On : 24 Mar 2023 20:54  
 Operator : JC\MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC005

Quant Time: Mar 25 05:59:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 25 05:52:26 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.789  | 41   | 21177    | 5.172   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.678  | 62   | 41887    | 5.357   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.695  | 43   | 57364    | 4.811   | ug/l # | 91       |
| 44) Trichloroethene           | 9.354  | 130  | 23543    | 4.881   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.625  | 63   | 28561    | 5.215   | ug/l # | 81       |
| 46) Dibromomethane            | 9.713  | 93   | 18839    | 5.386   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.889  | 83   | 35436    | 4.912   | ug/l # | 94       |
| 48) Methyl methacrylate       | 9.683  | 41   | 27152    | 4.710   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.695  | 88   | 10540    | 111.521 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.448 | 43   | 183895   | 25.187  | ug/l   | 99       |
| 52) Toluene                   | 10.630 | 92   | 60397    | 4.881   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.836 | 75   | 33754    | 4.730   | ug/l # | 85       |
| 54) cis-1,3-Dichloropropene   | 10.313 | 75   | 37123    | 4.745   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.019 | 97   | 25094    | 5.246   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 31394    | 5.791   | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 11.160 | 76   | 44731    | 5.166   | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 10.166 | 63   | 63537    | 30.277  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.201 | 43   | 131795   | 25.471  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.366 | 129  | 23982    | 4.796   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 24564    | 5.063   | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.107 | 164  | 19766    | 5.072   | ug/l   | 93       |
| 65) Chlorobenzene             | 11.895 | 112  | 64350    | 4.996   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.966 | 131  | 23323    | 5.032   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.966 | 91   | 112369   | 5.002   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.071 | 106  | 80867    | 9.767   | ug/l   | 96       |
| 69) o-Xylene                  | 12.401 | 106  | 38778    | 4.751   | ug/l   | 99       |
| 70) Styrene                   | 12.413 | 104  | 59547    | 5.960   | ug/l   | 98       |
| 71) Bromoform                 | 12.577 | 173  | 16214    | 4.811   | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.695 | 105  | 99243    | 5.171   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.495 | 43   | 42123    | 5.023   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.942 | 83   | 39440    | 5.701   | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 13.001 | 75   | 44878    | 7.476   | ug/l   | 57       |
| 77) Bromobenzene              | 12.983 | 156  | 24221    | 5.267   | ug/l   | 97       |
| 78) n-propylbenzene           | 13.036 | 91   | 111247   | 5.113   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.130 | 91   | 73296    | 5.333   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 78912    | 5.090   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.736 | 75   | 8015     | 4.503   | ug/l # | 75       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 66575    | 5.015   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.436 | 119  | 68320    | 4.991   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.489 | 105  | 74769    | 4.921   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 92793    | 4.930   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.736 | 119  | 70529    | 6.248   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.736 | 146  | 42265    | 5.005   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.818 | 146  | 42899    | 4.976   | ug/l   | 95       |
| 89) n-Butylbenzene            | 14.060 | 91   | 54523    | 6.277   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.336 | 117  | 14554    | 4.839   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.107 | 146  | 43629    | 5.187   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.724 | 75   | 5982     | 5.044   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.401 | 180  | 11970    | 6.267   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.501 | 225  | 11424    | 5.476   | ug/l   | 96       |
| 95) Naphthalene               | 15.642 | 128  | 27495    | 6.094   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.848 | 180  | 10679    | 5.973   | ug/l   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032523\  
Data File : VN077187.D  
Acq On : 24 Mar 2023 20:54  
Operator : JC\MD  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

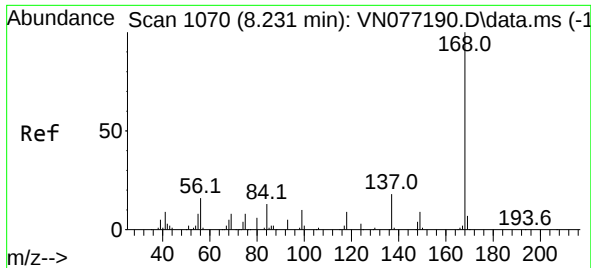
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 25 05:52:26 2023  
Response via : Initial Calibration

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

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

Quant Time: Mar 25 05:59:48 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 25 05:52:26 2023  
Response via : Initial Calibration

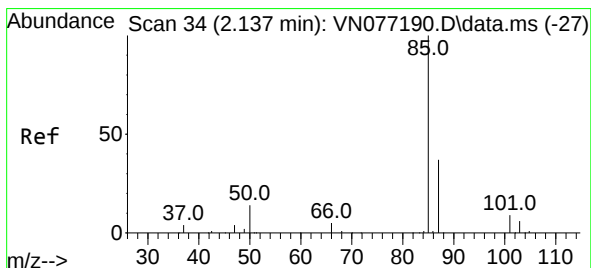
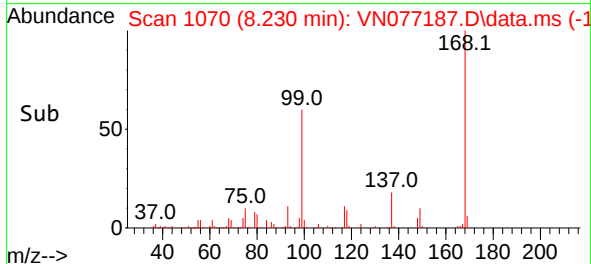
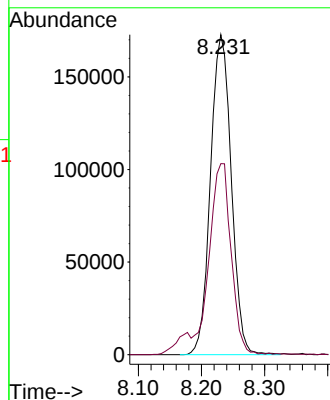
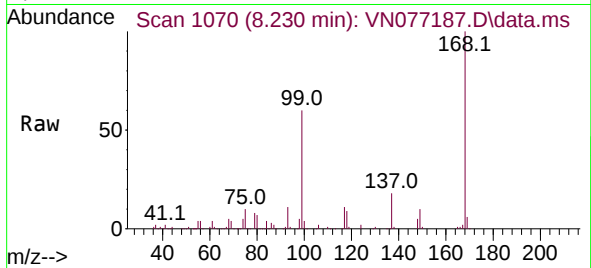




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1070  
Delta R.T. -0.001 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

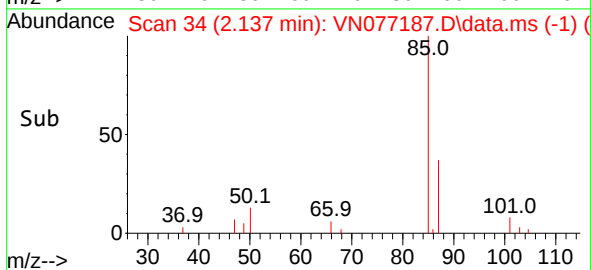
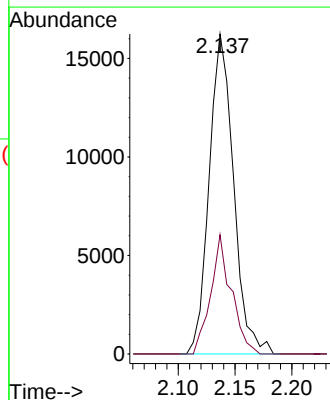
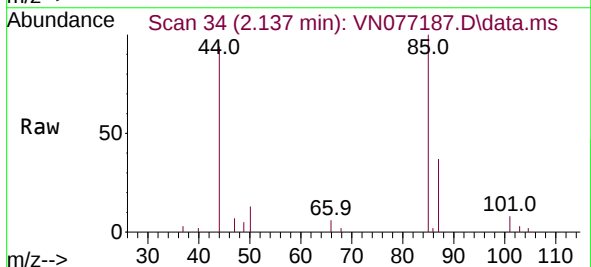
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

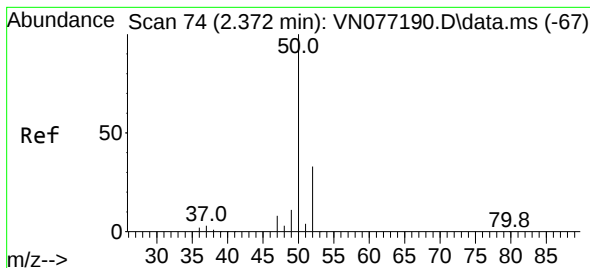
Tgt Ion:168 Resp: 394986  
Ion Ratio Lower Upper  
168 100  
99 59.5 45.7 68.5



#2  
Dichlorodifluoromethane  
Concen: 5.534 ug/l  
RT: 2.137 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 85 Resp: 24267  
Ion Ratio Lower Upper  
85 100  
87 37.2 18.5 55.5





#3

Chloromethane

Concen: 5.454 ug/l

RT: 2.372 min Scan# 74

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

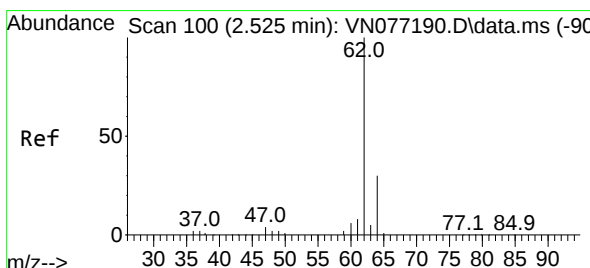
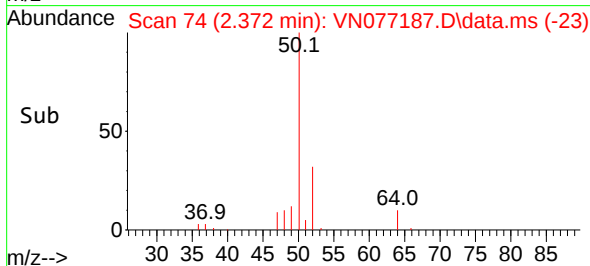
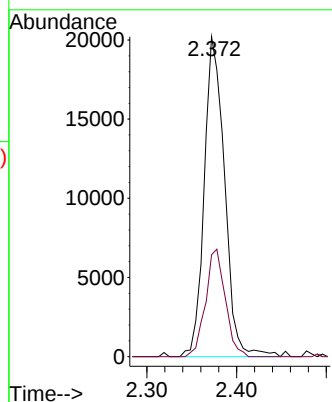
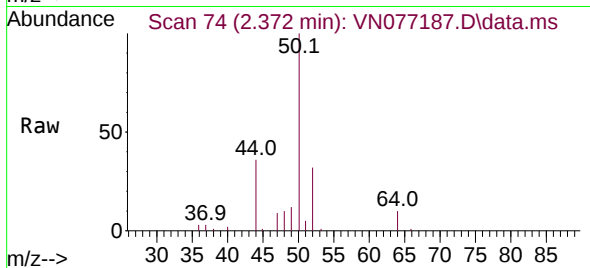
VSTDIC005

Tgt Ion: 50 Resp: 31889

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.4



#4

Vinyl Chloride

Concen: 5.455 ug/l

RT: 2.525 min Scan# 100

Delta R.T. -0.000 min

Lab File: VN077187.D

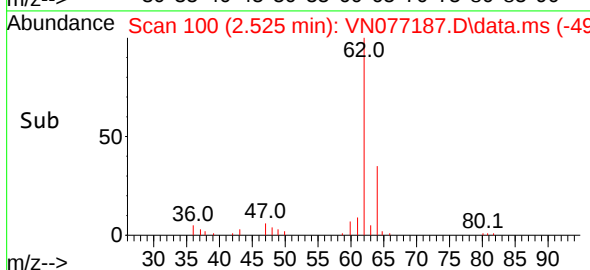
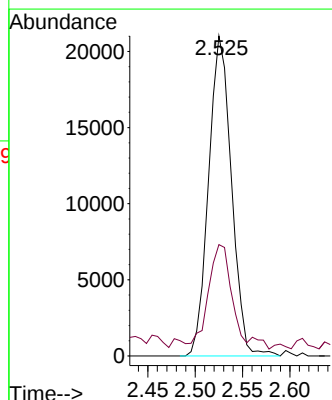
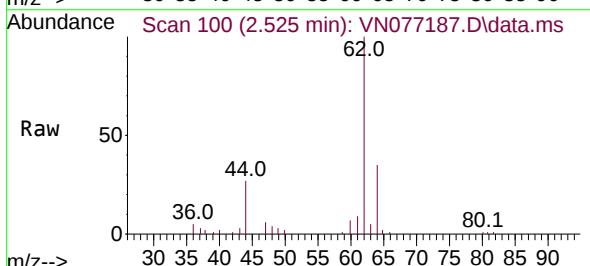
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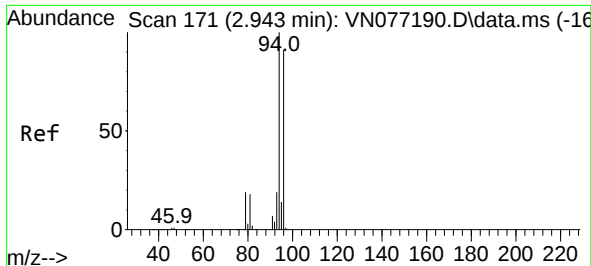
Tgt Ion: 62 Resp: 35278

Ion Ratio Lower Upper

62 100

64 31.1 24.4 36.6

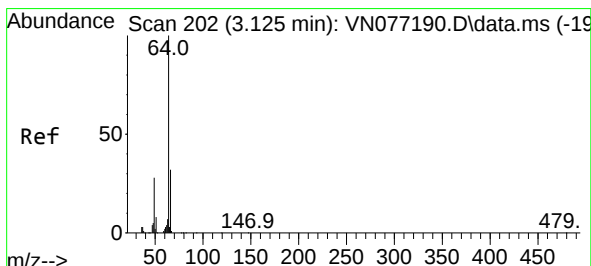
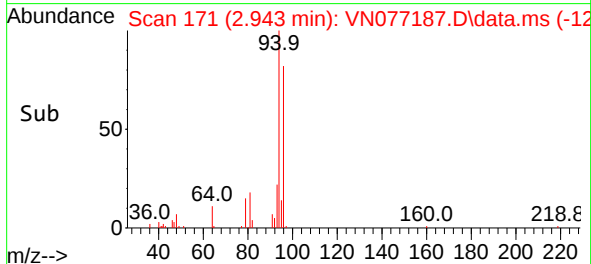
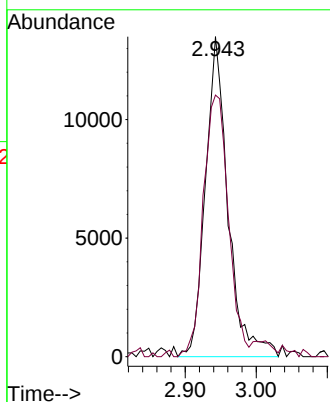
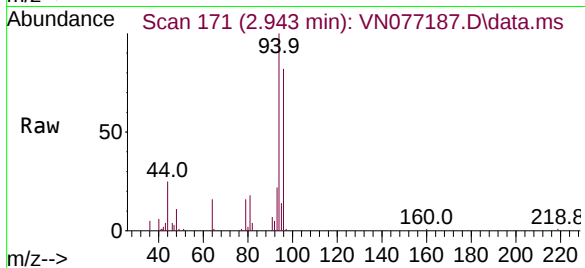




#5  
Bromomethane  
Concen: 5.831 ug/l  
RT: 2.943 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

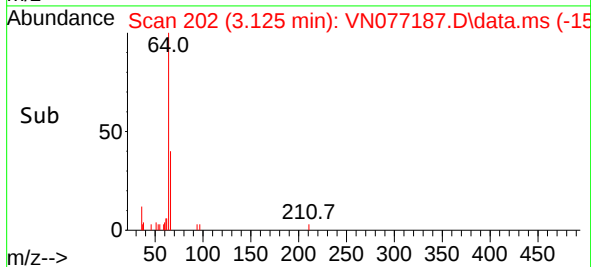
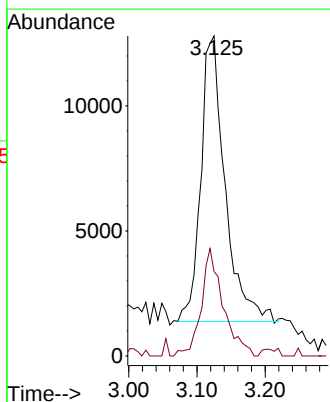
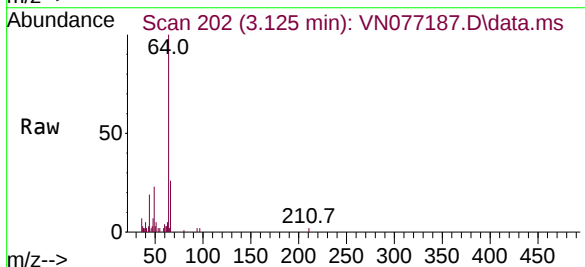
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

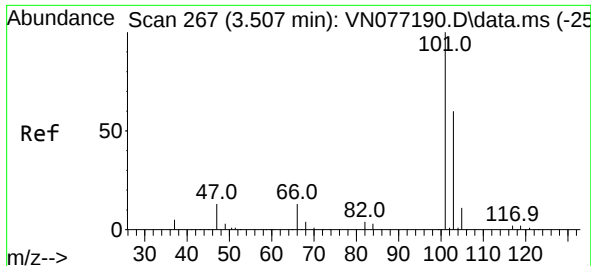
Tgt Ion: 94 Resp: 29846  
Ion Ratio Lower Upper  
94 100  
96 81.8 72.5 108.7



#6  
Chloroethane  
Concen: 3.798 ug/l  
RT: 3.125 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 64 Resp: 28245  
Ion Ratio Lower Upper  
64 100  
66 27.7 25.1 37.7

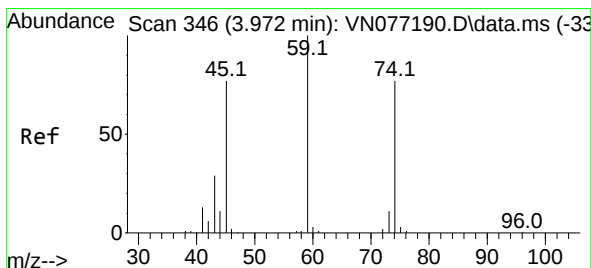
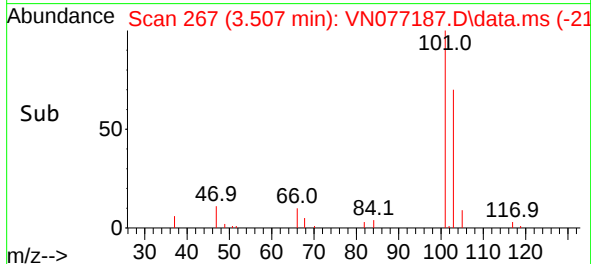
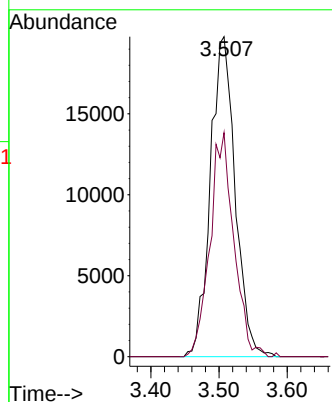
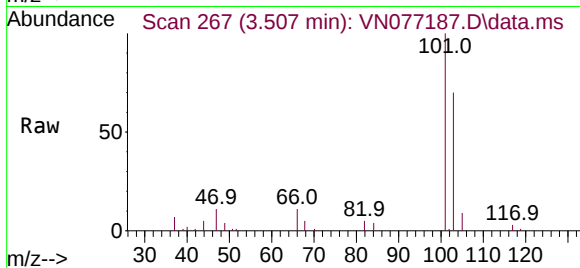




#7  
 Trichlorofluoromethane  
 Concen: 5.529 ug/l  
 RT: 3.507 min Scan# 210  
 Delta R.T. -0.000 min  
 Lab File: VN077187.D  
 Acq: 24 Mar 2023 20:54

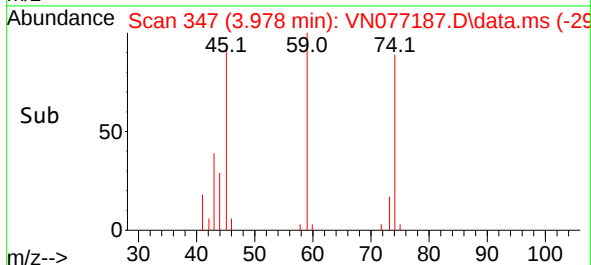
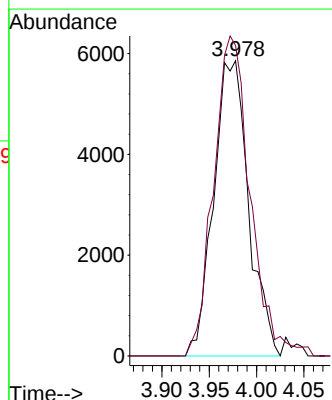
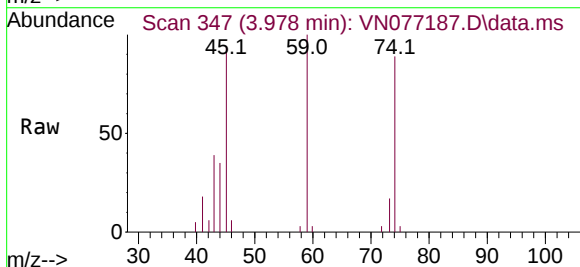
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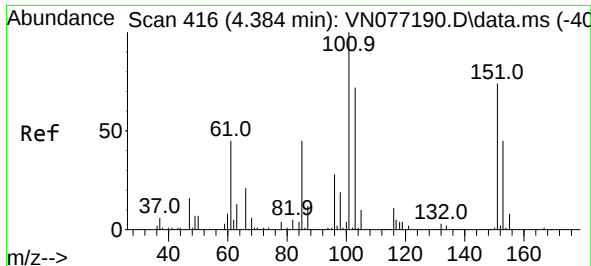
Tgt Ion:101 Resp: 50033  
 Ion Ratio Lower Upper  
 101 100  
 103 70.0 47.6 71.4



#8  
 Diethyl Ether  
 Concen: 4.945 ug/l  
 RT: 3.978 min Scan# 347  
 Delta R.T. 0.006 min  
 Lab File: VN077187.D  
 Acq: 24 Mar 2023 20:54

Tgt Ion: 74 Resp: 15048  
 Ion Ratio Lower Upper  
 74 100  
 45 113.3 51.1 153.4

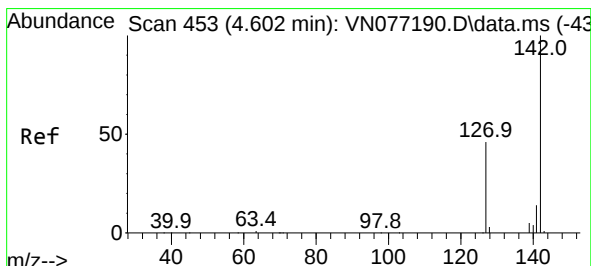
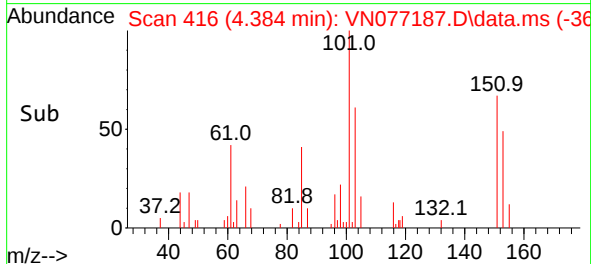
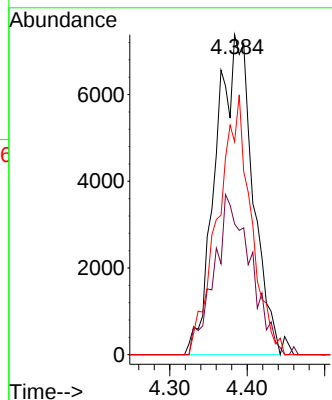
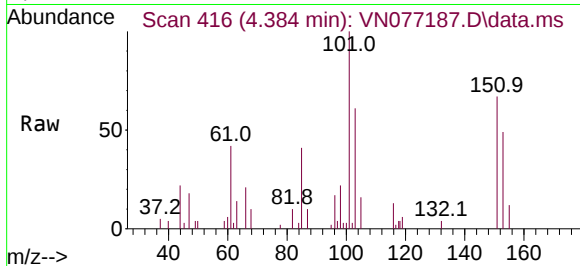




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.583 ug/l  
RT: 4.384 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

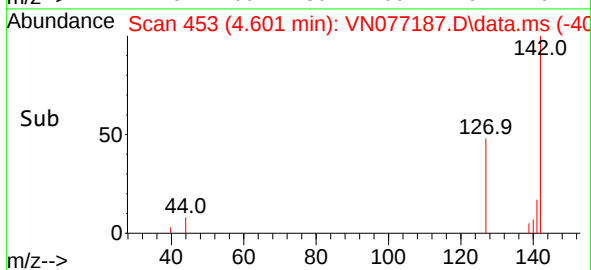
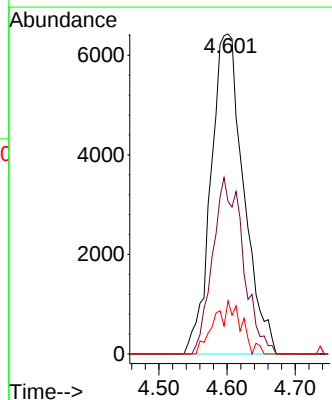
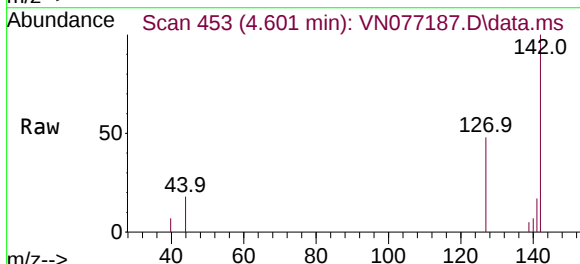
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MSVOA\_N  
ClientSampleId :  
VSTDIC005

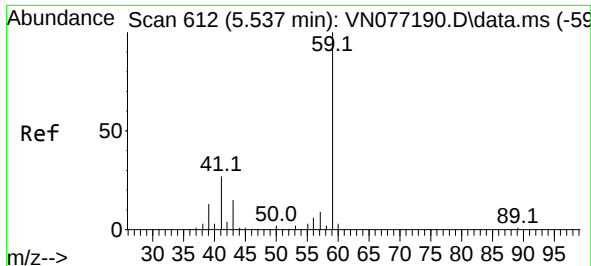
Tgt Ion:101 Resp: 24529  
Ion Ratio Lower Upper  
101 100  
85 49.1 37.9 56.9  
151 72.2 58.1 87.1



#10  
Methyl Iodide  
Concen: 4.386 ug/l  
RT: 4.601 min Scan# 453  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion:142 Resp: 21453  
Ion Ratio Lower Upper  
142 100  
127 47.7 37.0 55.4  
141 16.6 11.0 16.4#

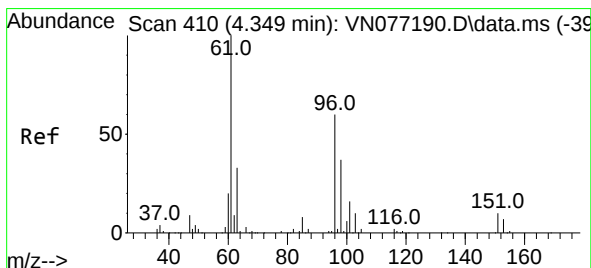
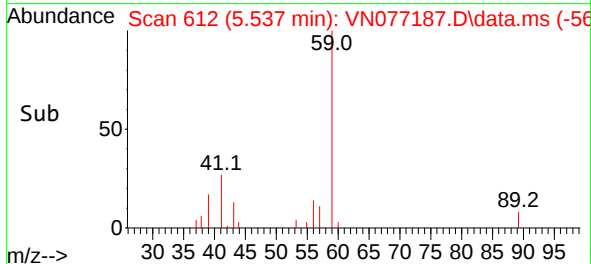
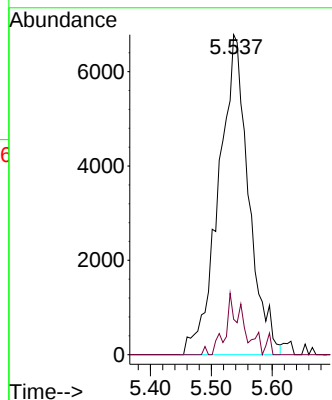
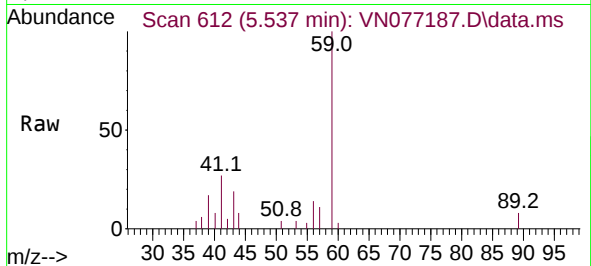




#11  
Tert butyl alcohol  
Concen: 27.057 ug/l  
RT: 5.537 min Scan# 612  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

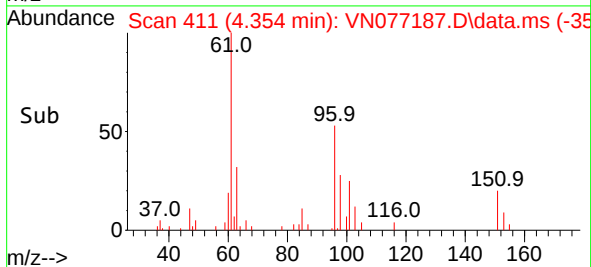
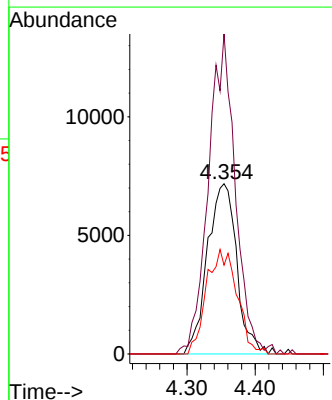
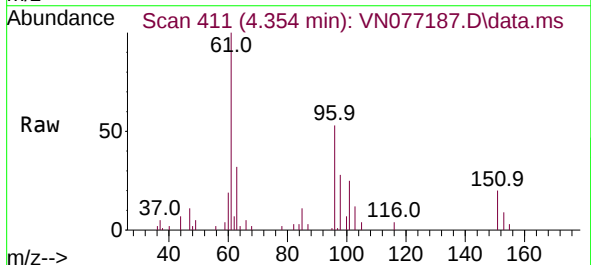
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

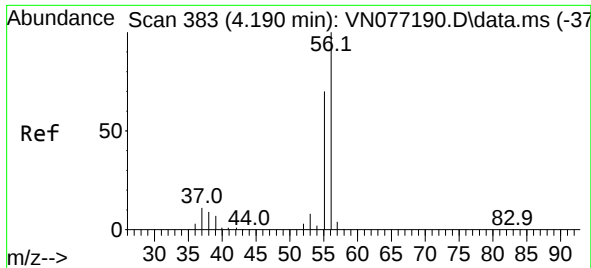
Tgt Ion: 59 Resp: 23152  
Ion Ratio Lower Upper  
59 100  
57 9.7 8.8 13.2



#12  
1,1-Dichloroethene  
Concen: 5.268 ug/l  
RT: 4.354 min Scan# 411  
Delta R.T. 0.005 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 96 Resp: 21548  
Ion Ratio Lower Upper  
96 100  
61 185.6 134.4 201.6  
98 52.1 50.1 75.1

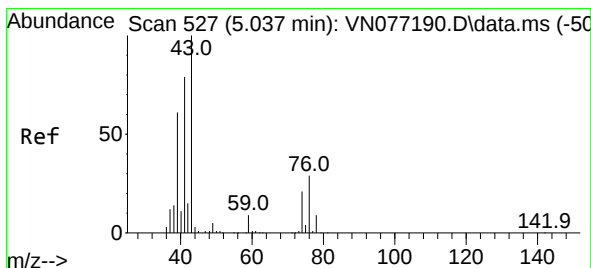
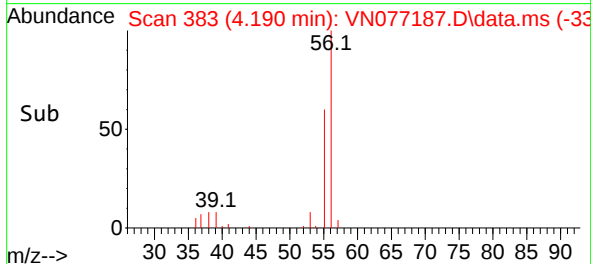
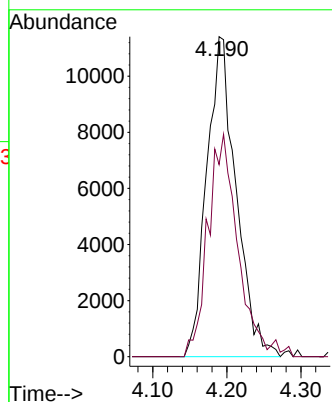
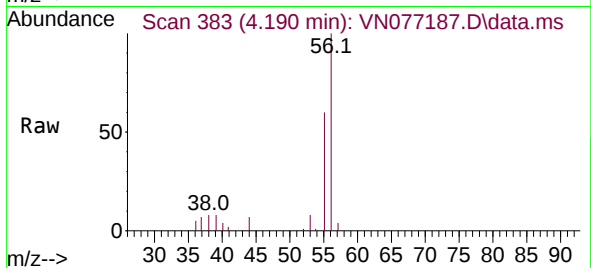




#13  
Acrolein  
Concen: 26.481 ug/l  
RT: 4.190 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

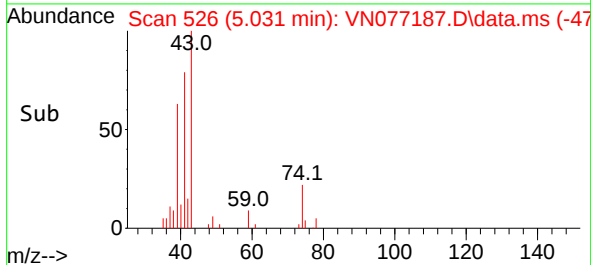
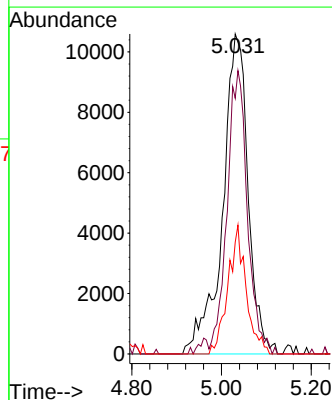
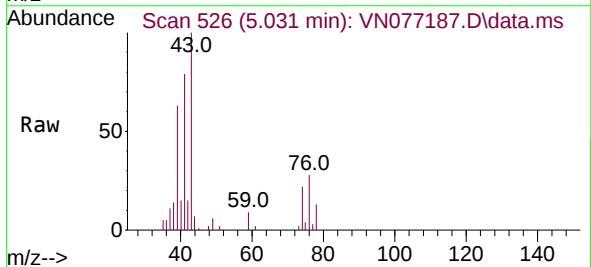
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ClientSampleId :  
VSTDICC005

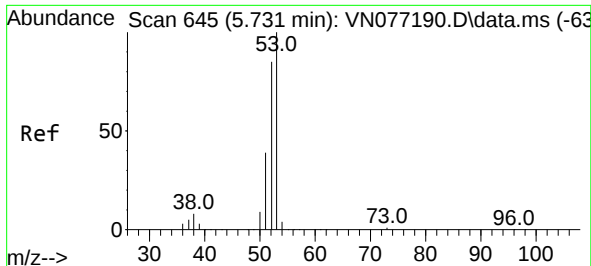
Tgt Ion: 56 Resp: 31261  
Ion Ratio Lower Upper  
56 100  
55 70.2 56.8 85.2



#14  
Allyl chloride  
Concen: 5.256 ug/l  
RT: 5.031 min Scan# 526  
Delta R.T. -0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 41 Resp: 41887  
Ion Ratio Lower Upper  
41 100  
39 70.6 56.8 85.2  
76 28.8 25.0 37.6

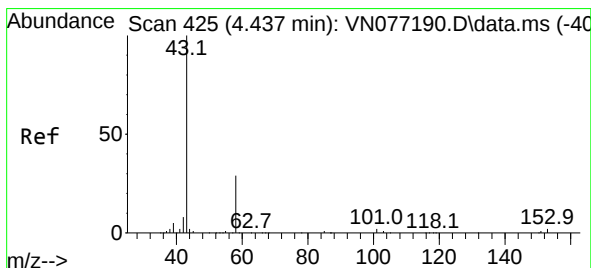
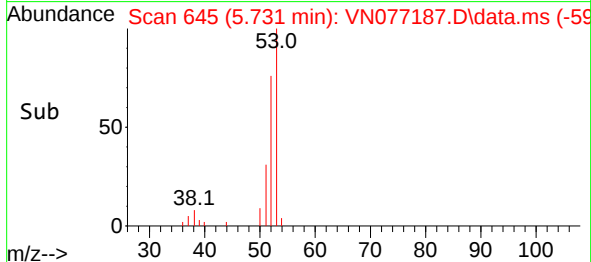
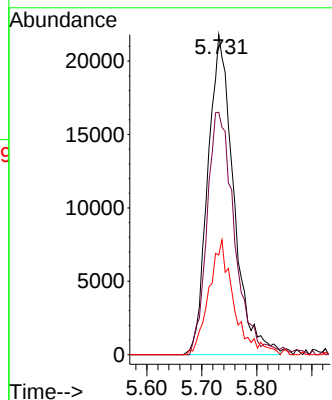
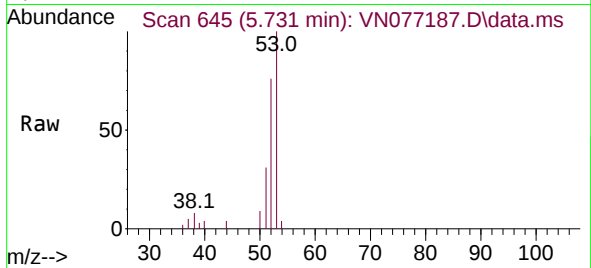




#15  
Acrylonitrile  
Concen: 26.775 ug/l  
RT: 5.731 min Scan# 645  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

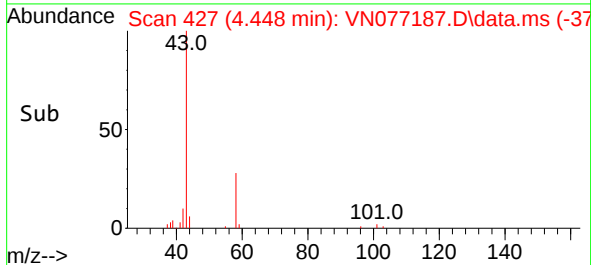
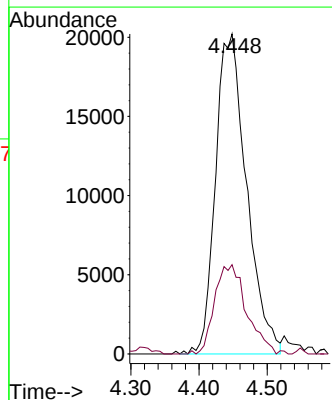
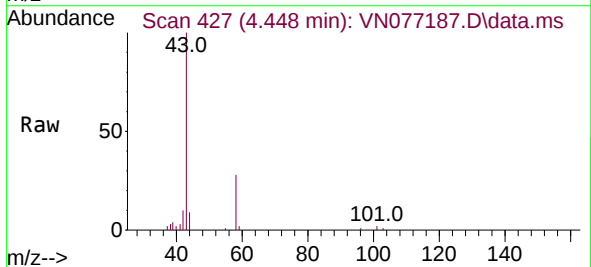
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MSVOA\_N  
ClientSampleId :  
VSTDIC005

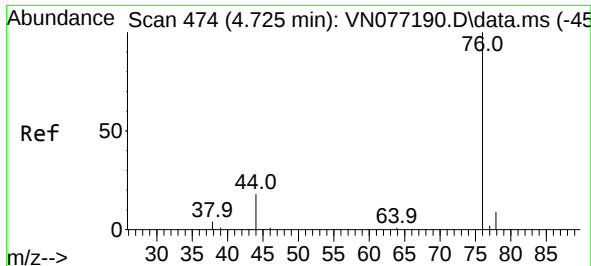
Tgt Ion: 53 Resp: 71080  
Ion Ratio Lower Upper  
53 100  
52 81.0 67.6 101.4  
51 34.8 29.8 44.6



#16  
Acetone  
Concen: 27.025 ug/l  
RT: 4.448 min Scan# 427  
Delta R.T. 0.011 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 43 Resp: 63825  
Ion Ratio Lower Upper  
43 100  
58 27.9 23.7 35.5

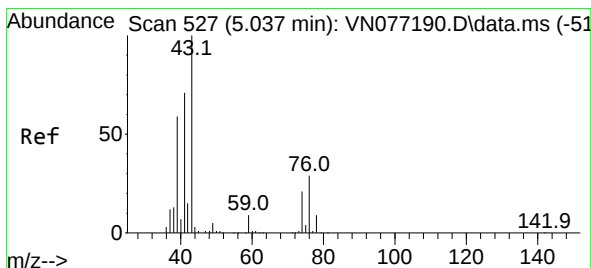
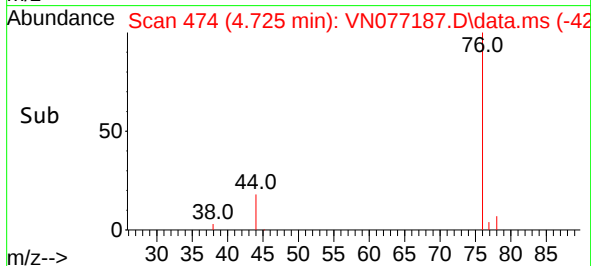
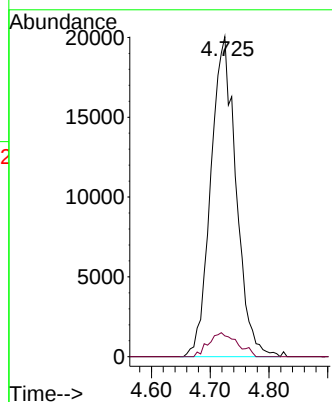
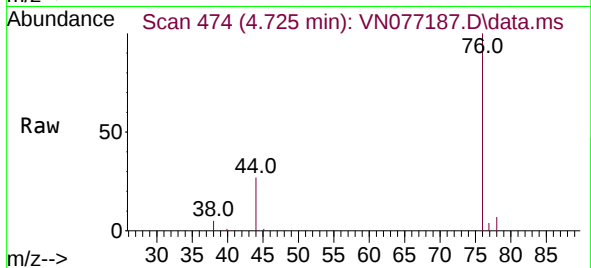




#17  
Carbon Disulfide  
Concen: 5.117 ug/l  
RT: 4.725 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

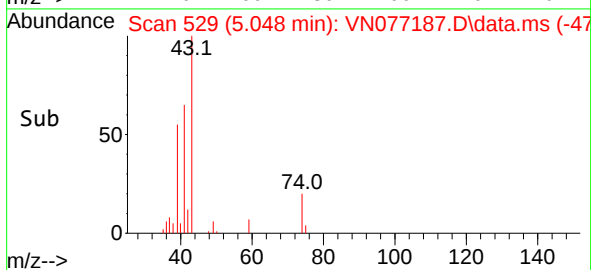
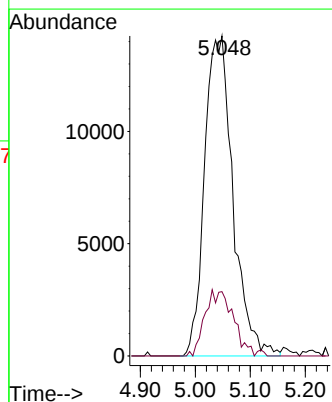
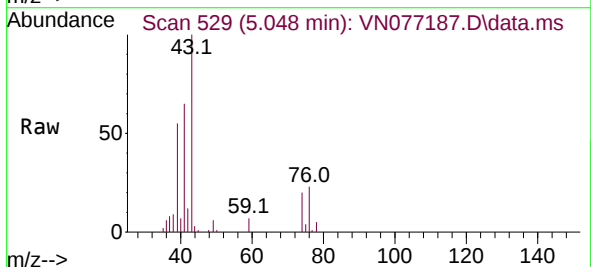
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

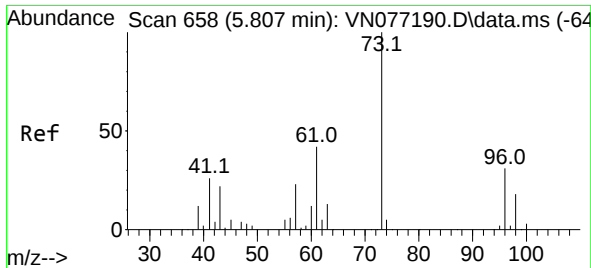
Tgt Ion: 76 Resp: 59906  
Ion Ratio Lower Upper  
76 100  
78 6.5 6.9 10.3#



#18  
Methyl Acetate  
Concen: 5.447 ug/l  
RT: 5.048 min Scan# 529  
Delta R.T. 0.012 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 43 Resp: 51061  
Ion Ratio Lower Upper  
43 100  
74 20.4 17.5 26.3

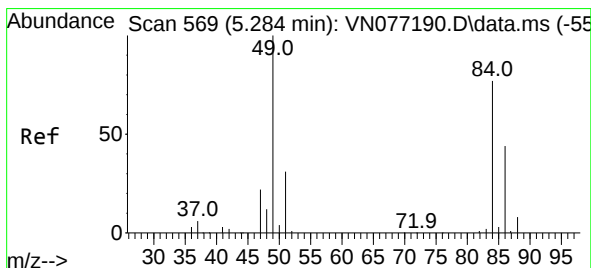
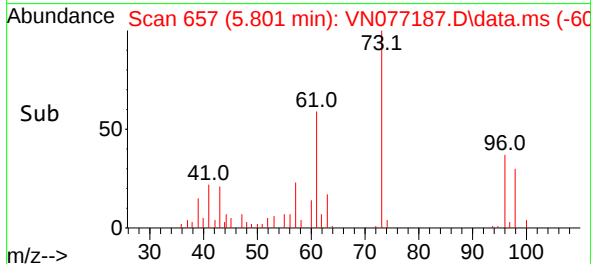
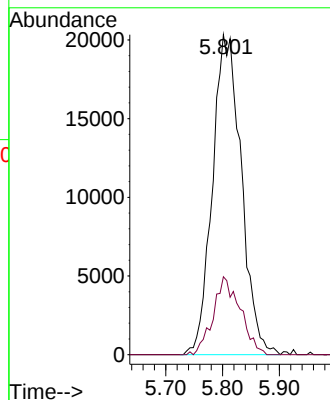
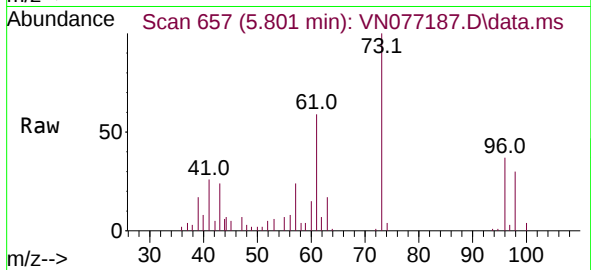




#19  
Methyl tert-butyl Ether  
Concen: 4.880 ug/l  
RT: 5.801 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

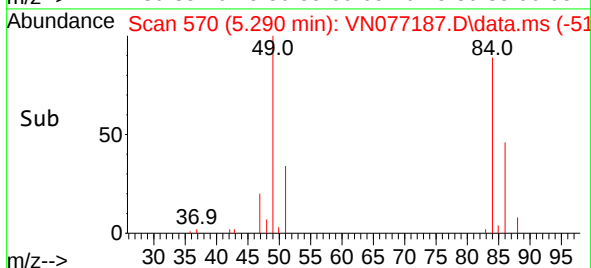
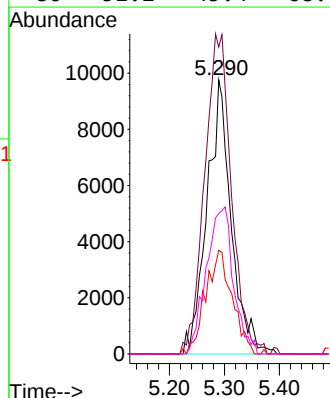
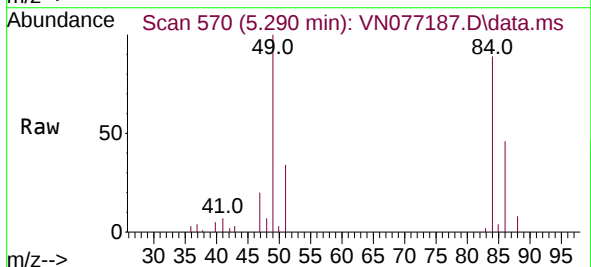
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

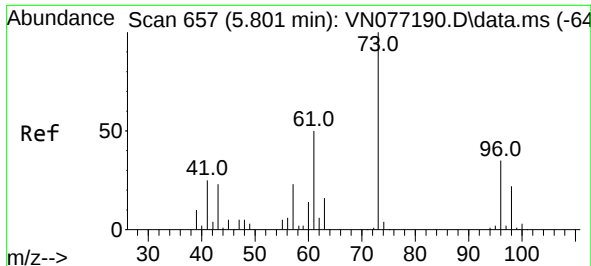
Tgt Ion: 73 Resp: 71642  
Ion Ratio Lower Upper  
73 100  
57 24.3 18.7 28.1



#20  
Methylene Chloride  
Concen: 5.521 ug/l  
RT: 5.290 min Scan# 570  
Delta R.T. 0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 84 Resp: 29823  
Ion Ratio Lower Upper  
84 100  
49 112.0 103.4 155.0  
51 37.8 31.6 47.4  
86 51.2 45.4 68.0

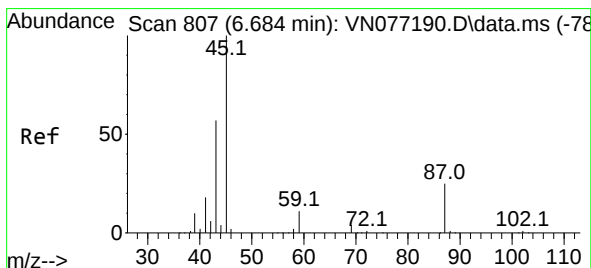
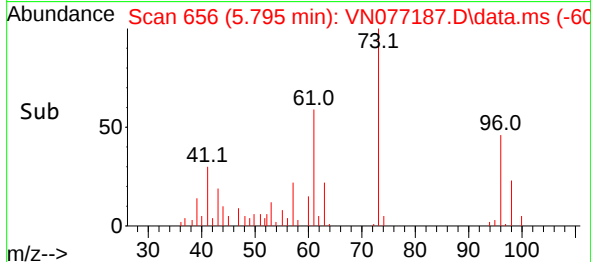
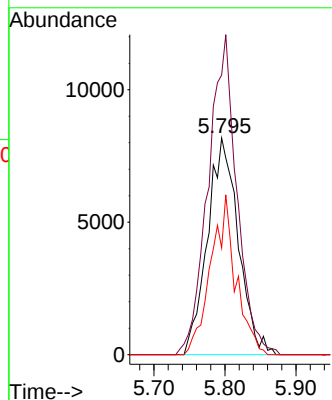
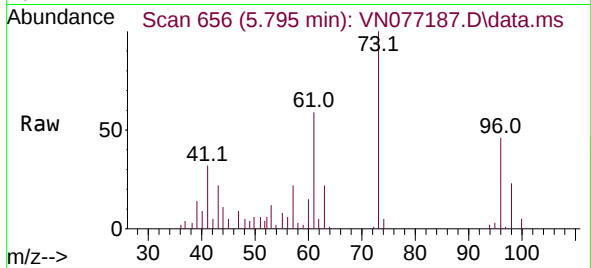




#21  
trans-1,2-Dichloroethene  
Concen: 5.419 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

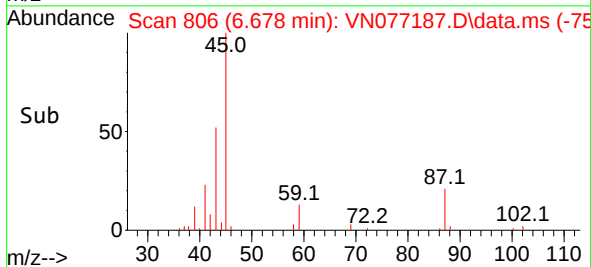
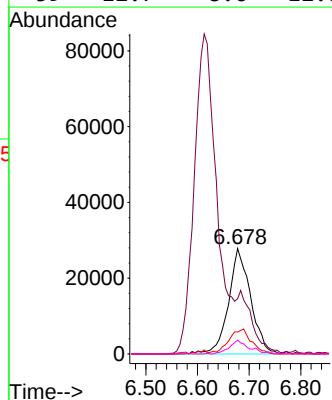
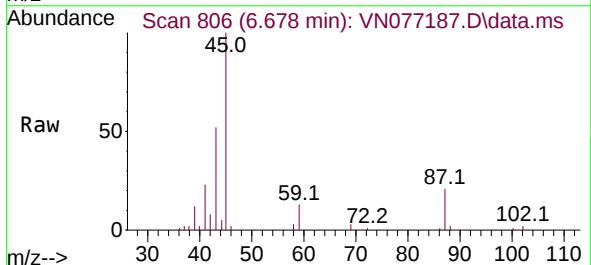
Instrument :  
MSVOA\_N  
ClientSampleId :  
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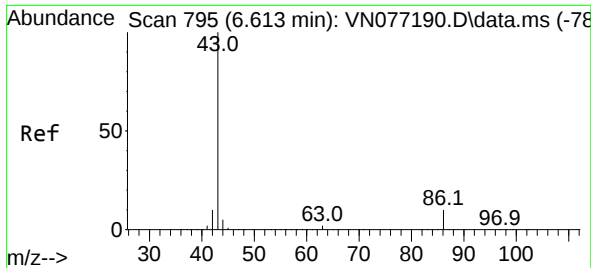
Tgt Ion: 96 Resp: 24640  
Ion Ratio Lower Upper  
96 100  
61 129.1 116.0 174.0  
98 49.2 51.7 77.5#



#22  
Diisopropyl ether  
Concen: 5.066 ug/l  
RT: 6.678 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 45 Resp: 82634  
Ion Ratio Lower Upper  
45 100  
43 50.8 45.5 68.3  
87 20.8 20.2 30.4  
59 12.7 8.6 12.8

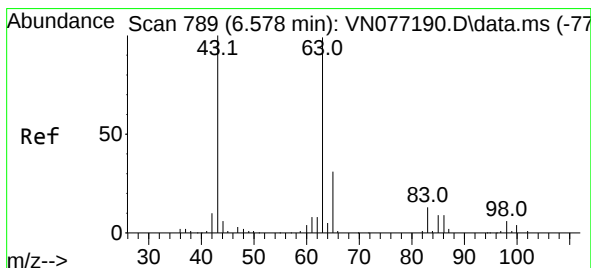
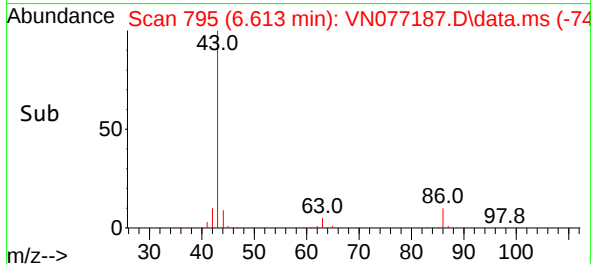
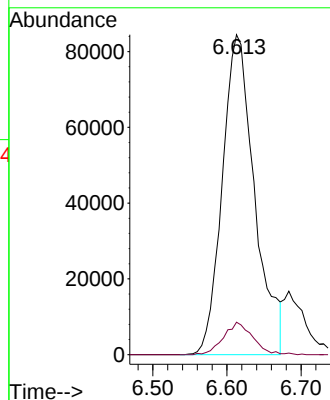
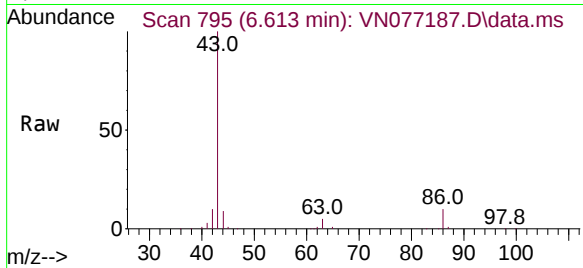




#23  
 Vinyl Acetate  
 Concen: 21.413 ug/l  
 RT: 6.613 min Scan# 795  
 Delta R.T. -0.000 min  
 Lab File: VN077187.D  
 Acq: 24 Mar 2023 20:54

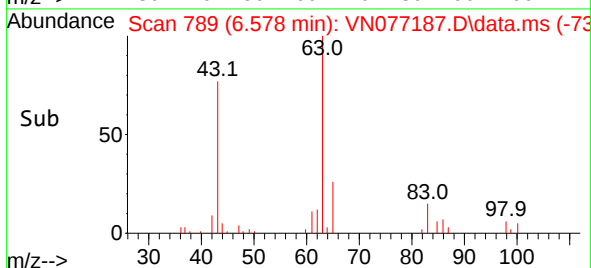
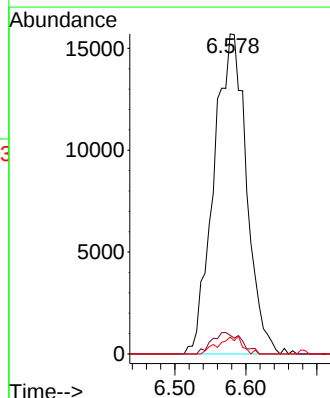
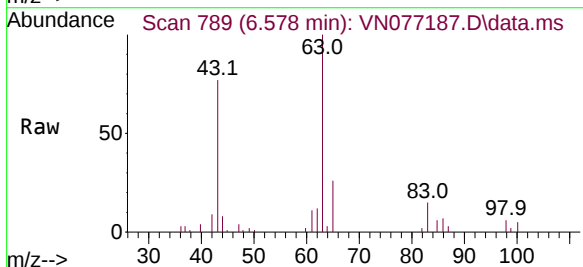
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

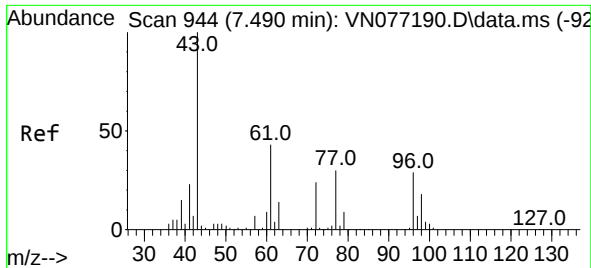
Tgt Ion: 43 Resp: 255937  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 7.7 11.5



#24  
 1,1-Dichloroethane  
 Concen: 5.306 ug/l  
 RT: 6.578 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: VN077187.D  
 Acq: 24 Mar 2023 20:54

Tgt Ion: 63 Resp: 50142  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.1 9.4  
 100 5.3 2.1 6.5

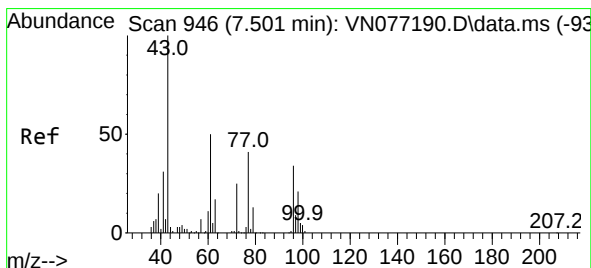
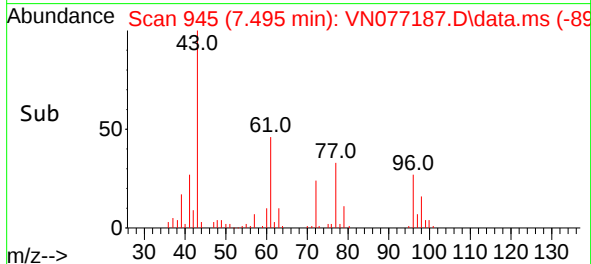
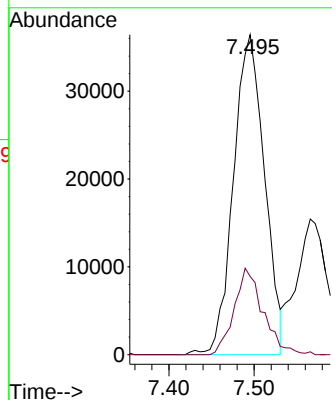
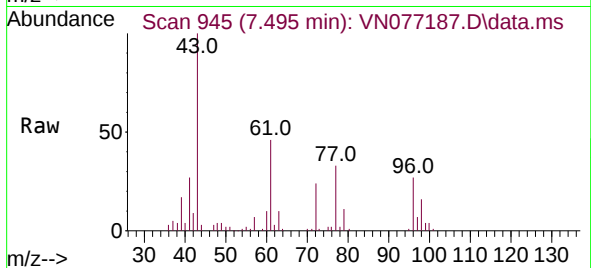




#25  
2-Butanone  
Concen: 25.783 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. 0.005 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

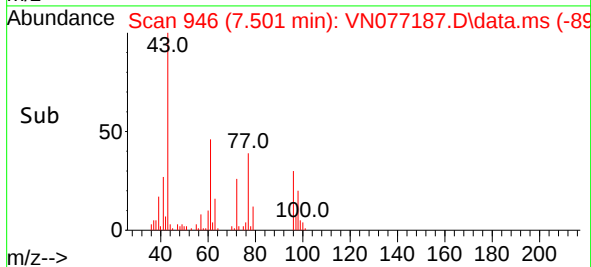
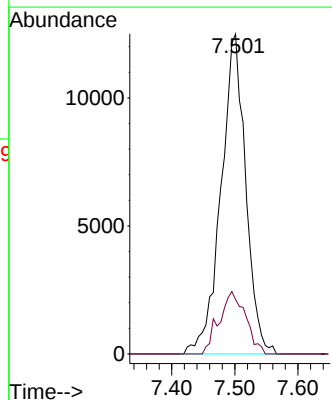
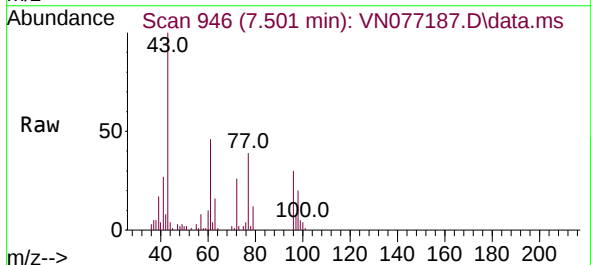
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

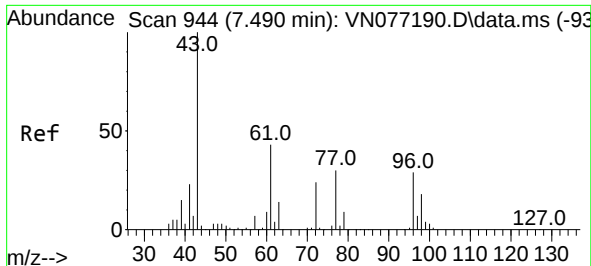
Tgt Ion: 43 Resp: 92223  
Ion Ratio Lower Upper  
43 100  
72 24.5 19.0 28.4



#26  
2,2-Dichloropropane  
Concen: 5.295 ug/l  
RT: 7.501 min Scan# 946  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 77 Resp: 33956  
Ion Ratio Lower Upper  
77 100  
97 20.9 11.1 33.1

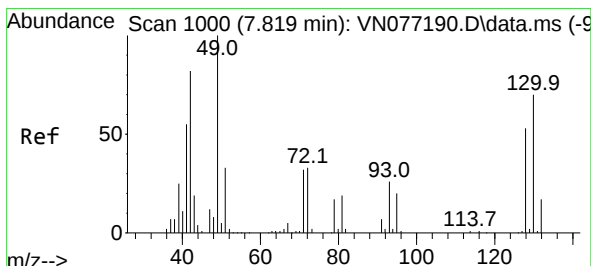
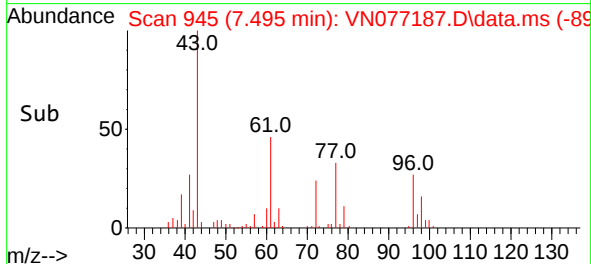
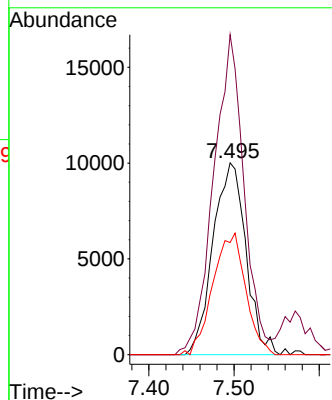
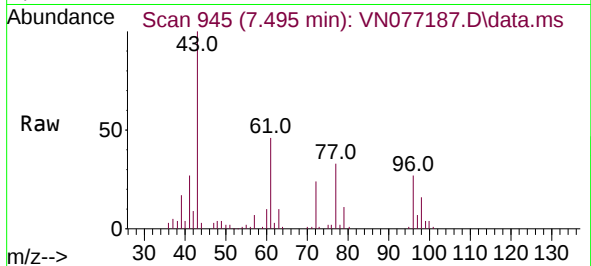




#27  
 cis-1,2-Dichloroethene  
 Concen: 5.080 ug/l  
 RT: 7.495 min Scan# 944  
 Delta R.T. 0.006 min  
 Lab File: VN077187.D  
 Acq: 24 Mar 2023 20:54

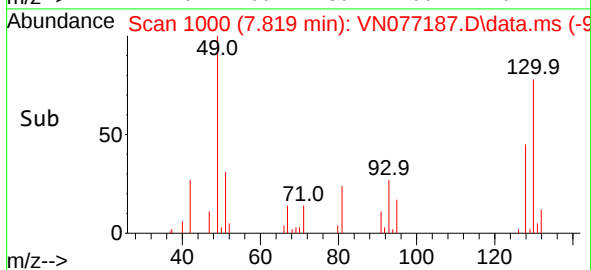
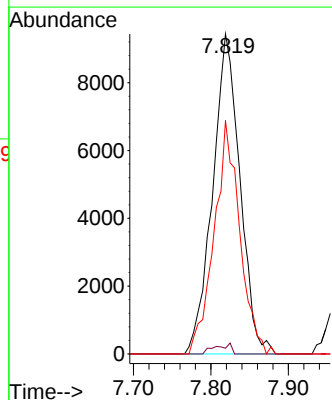
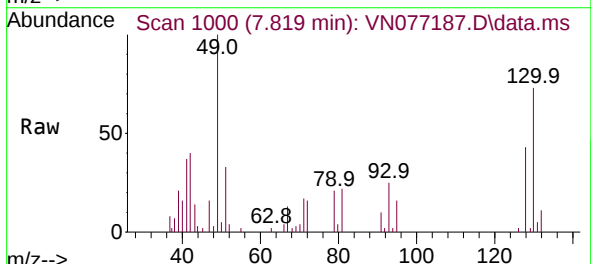
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

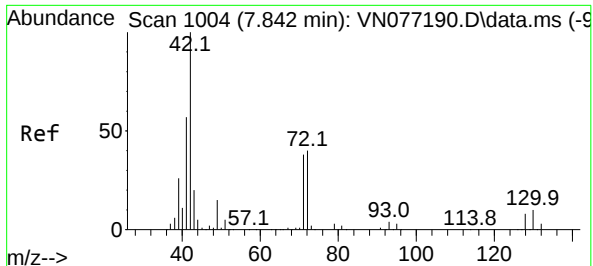
Tgt Ion: 96 Resp: 26836  
 Ion Ratio Lower Upper  
 96 100  
 61 153.9 0.0 303.6  
 98 63.3 0.0 126.0



#28  
 Bromochloromethane  
 Concen: 4.857 ug/l  
 RT: 7.819 min Scan# 1000  
 Delta R.T. -0.000 min  
 Lab File: VN077187.D  
 Acq: 24 Mar 2023 20:54

Tgt Ion: 49 Resp: 23121  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 3.8  
 130 68.1 52.5 78.7





#29

Tetrahydrofuran

Concen: 25.695 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC005

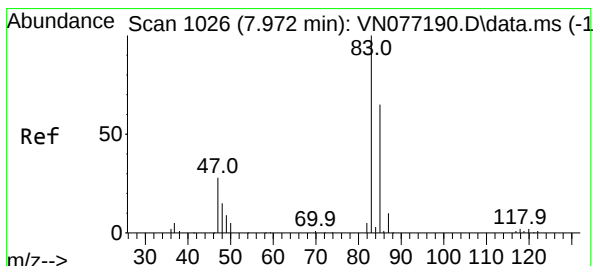
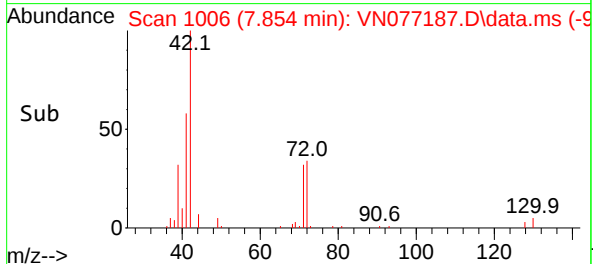
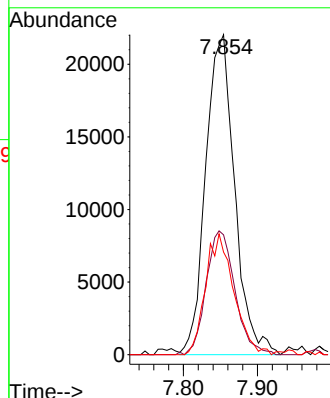
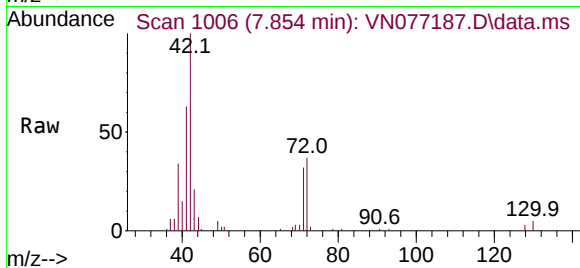
Tgt Ion: 42 Resp: 59936

Ion Ratio Lower Upper

42 100

72 38.4 32.1 48.1

71 36.7 30.2 45.4



#30

Chloroform

Concen: 5.251 ug/l

RT: 7.978 min Scan# 1027

Delta R.T. 0.006 min

Lab File: VN077187.D

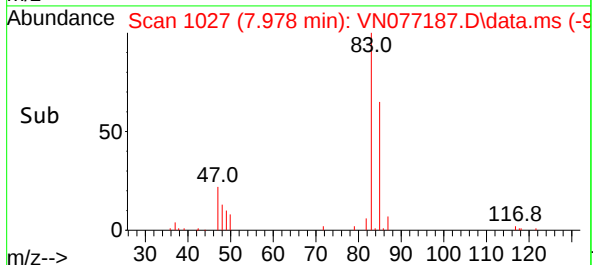
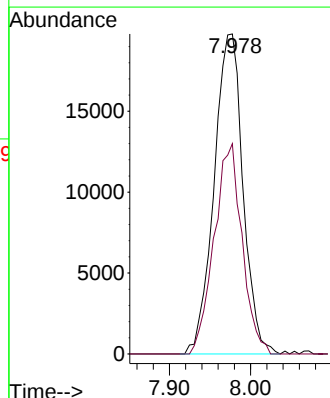
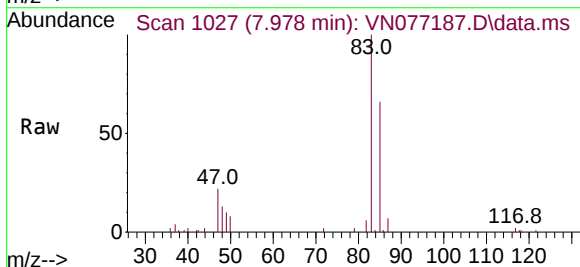
Acq: 24 Mar 2023 20:54

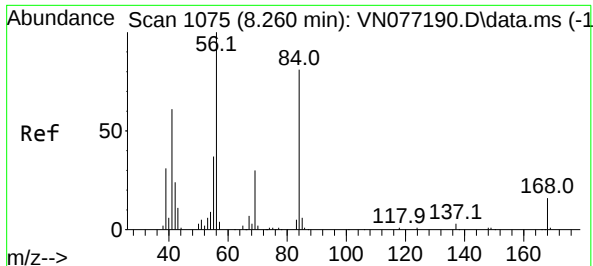
Tgt Ion: 83 Resp: 48974

Ion Ratio Lower Upper

83 100

85 65.7 52.2 78.4

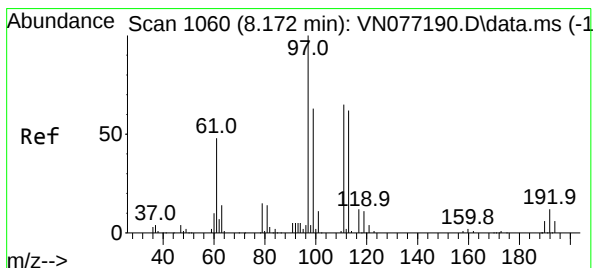
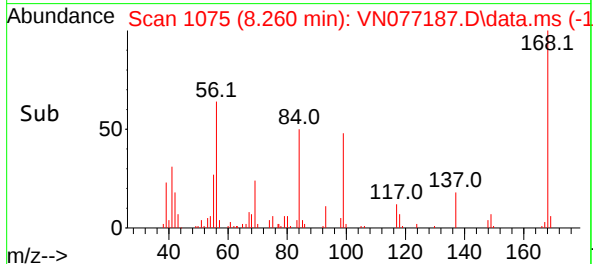
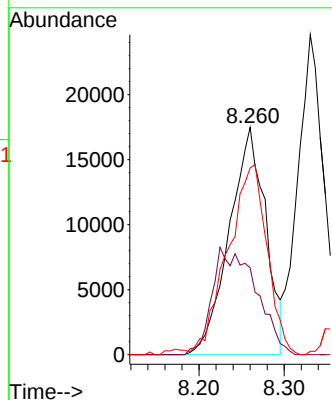
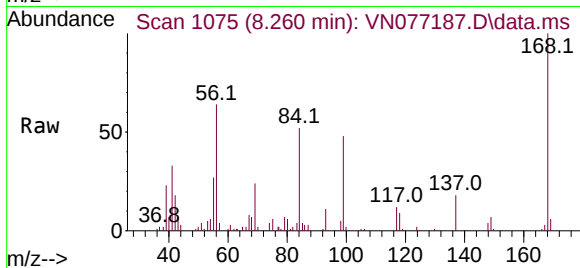




#31  
Cyclohexane  
Concen: 5.990 ug/l  
RT: 8.260 min Scan# 1075  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

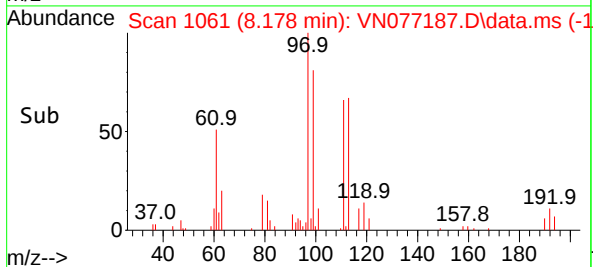
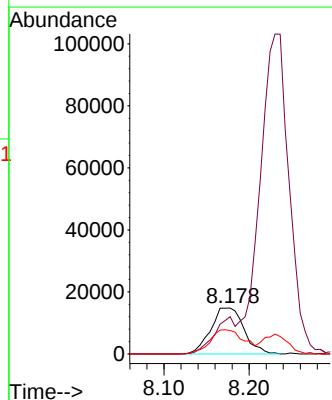
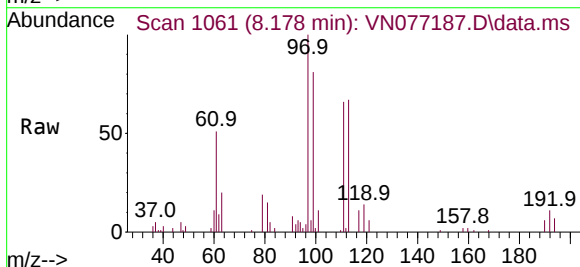
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

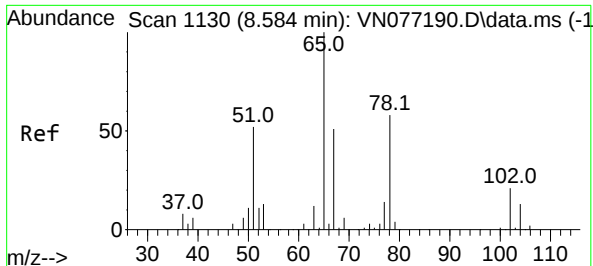
Tgt Ion: 56 Resp: 51804  
Ion Ratio Lower Upper  
56 100  
69 38.2 23.7 35.5#  
84 80.1 64.8 97.2



#32  
1,1,1-Trichloroethane  
Concen: 5.012 ug/l  
RT: 8.178 min Scan# 1061  
Delta R.T. 0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 97 Resp: 40081  
Ion Ratio Lower Upper  
97 100  
99 51.0 51.4 77.2#  
61 53.7 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 5.280 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

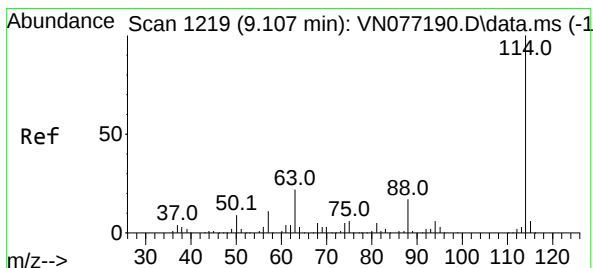
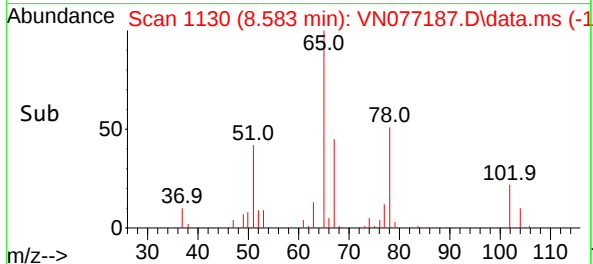
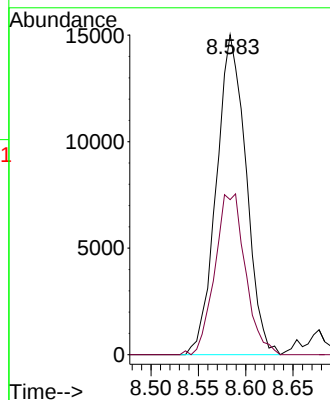
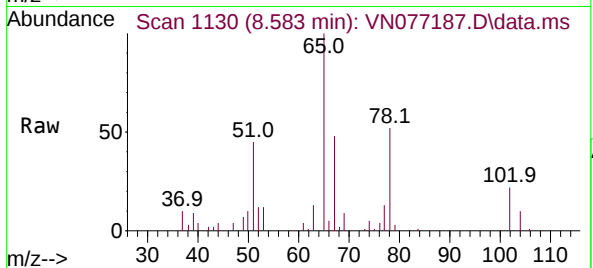
VSTDIC005

Tgt Ion: 65 Resp: 32680

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

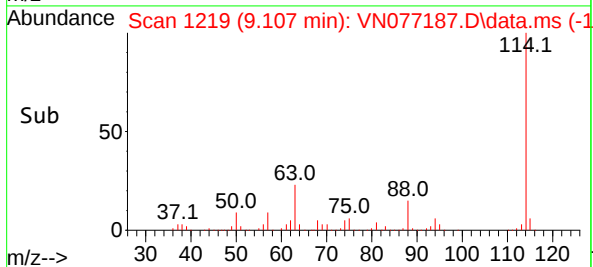
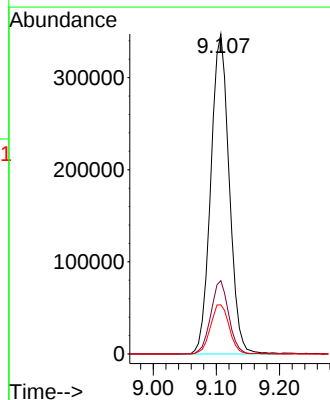
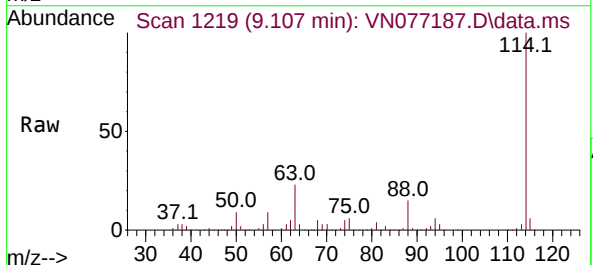
Tgt Ion: 114 Resp: 703448

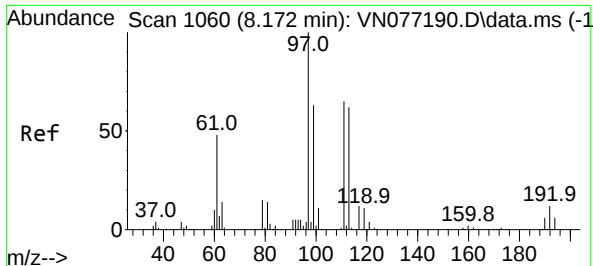
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.0

88 15.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 5.245 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

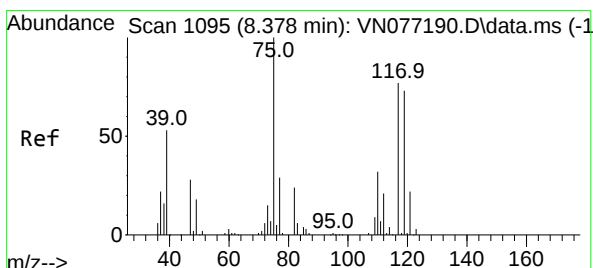
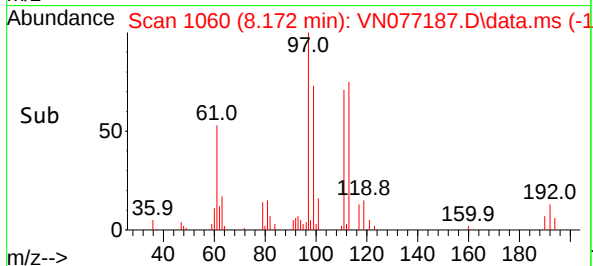
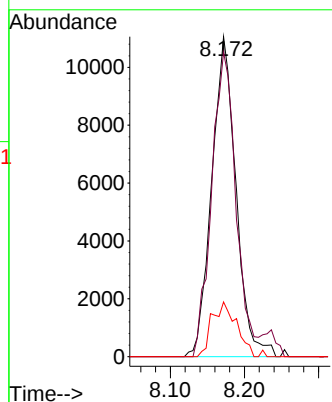
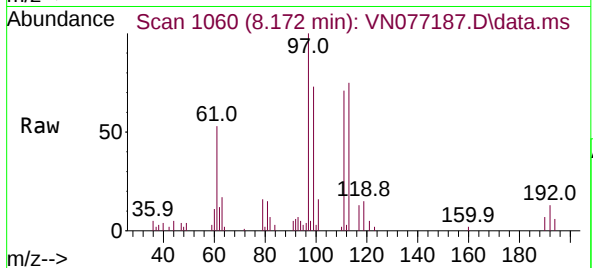
Tgt Ion:113 Resp: 25134

Ion Ratio Lower Upper

113 100

111 95.6 82.6 123.8

192 17.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.046 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

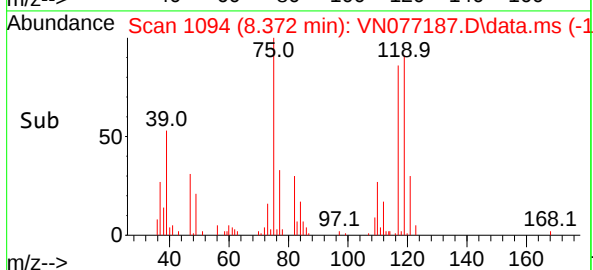
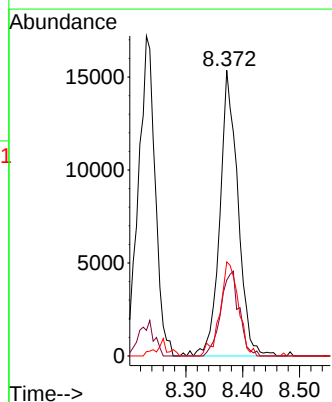
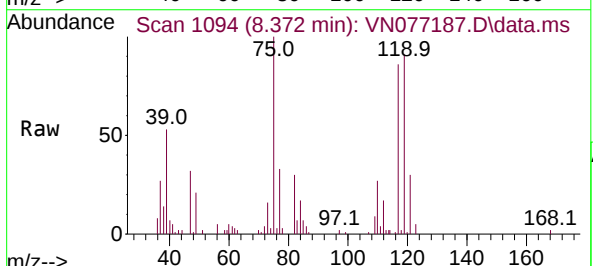
Tgt Ion: 75 Resp: 33945

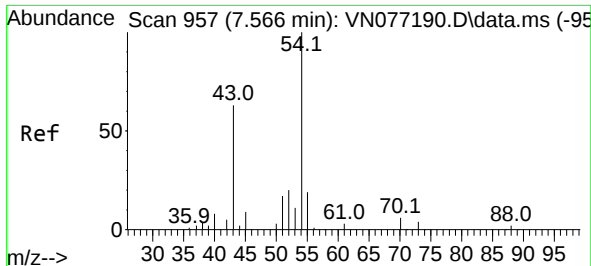
Ion Ratio Lower Upper

75 100

110 30.2 16.3 48.9

77 33.3 24.7 37.1

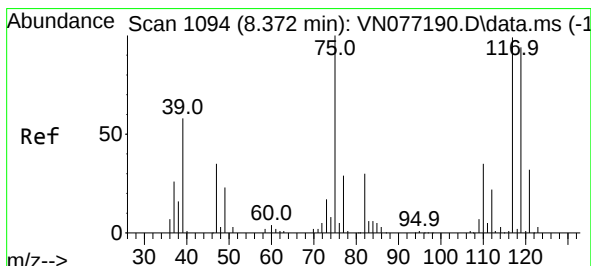
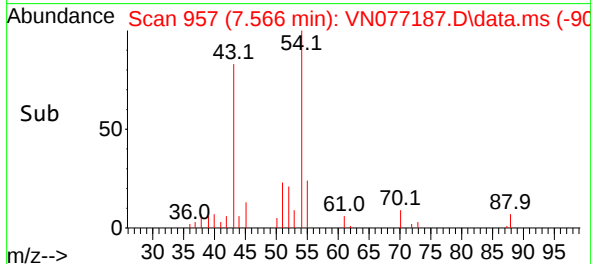
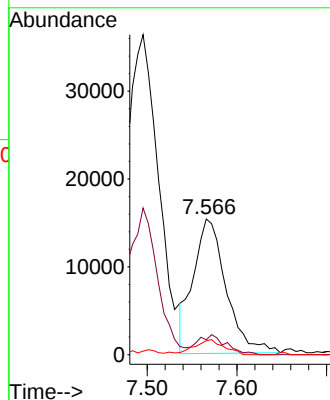
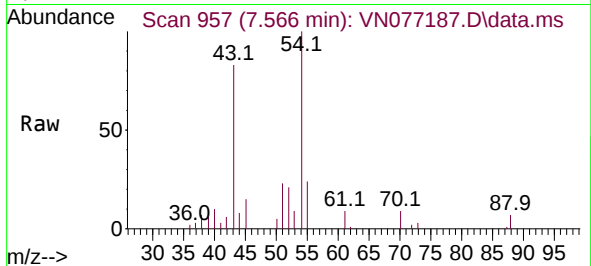




#37  
Ethyl Acetate  
Concen: 5.242 ug/l  
RT: 7.566 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

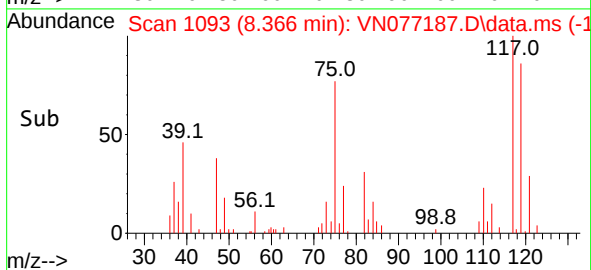
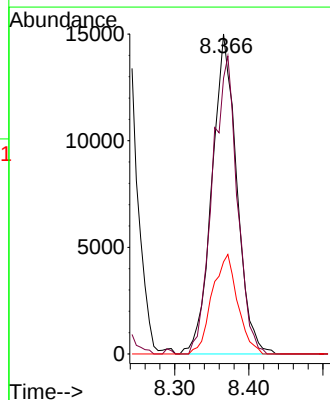
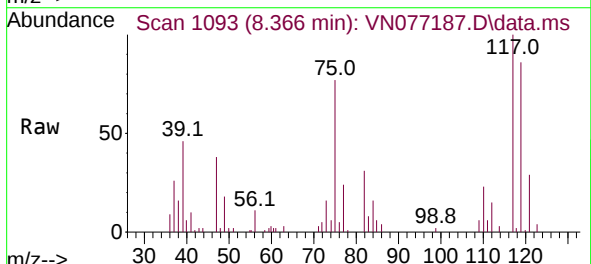
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

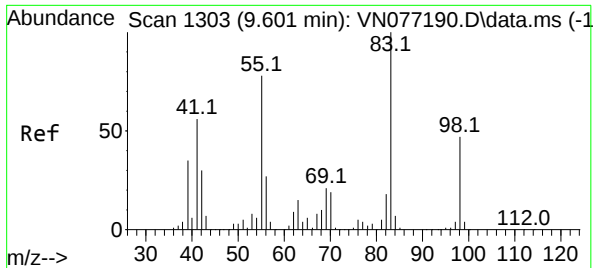
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 39086 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.1  | 9.9   | 14.9  |
| 70       | 10.3  | 7.6   | 11.4  |



#38  
Carbon Tetrachloride  
Concen: 5.042 ug/l  
RT: 8.366 min Scan# 1093  
Delta R.T. -0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 34849 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 86.2  | 76.6  | 114.8 |
| 121      | 28.8  | 25.7  | 38.5  |





#39

Methylcyclohexane

Concen: 4.820 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC005

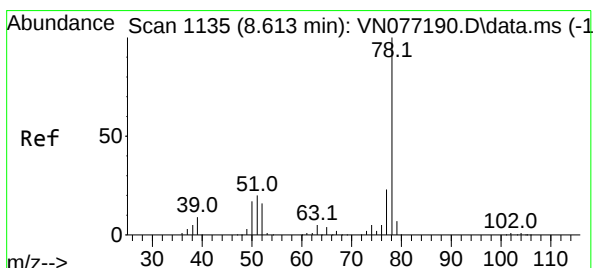
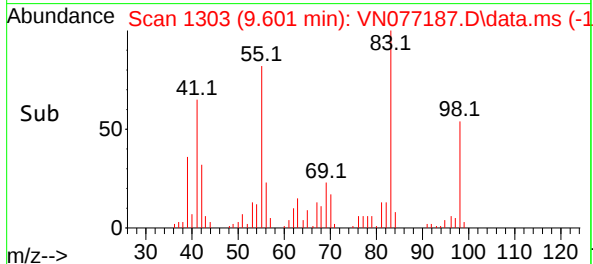
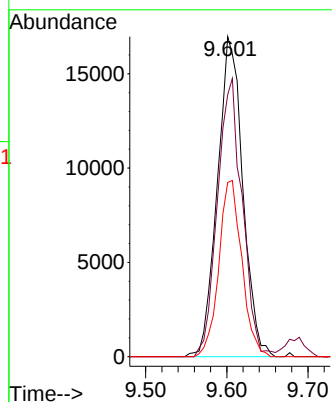
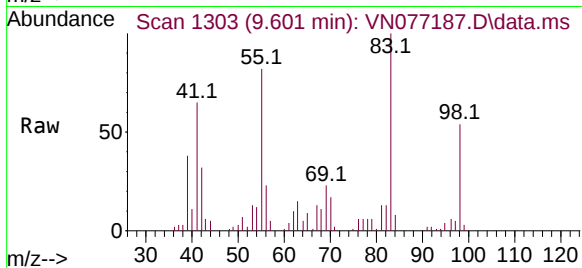
Tgt Ion: 83 Resp: 36842

Ion Ratio Lower Upper

83 100

55 81.9 62.5 93.7

98 54.5 37.3 55.9



#40

Benzene

Concen: 5.088 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077187.D

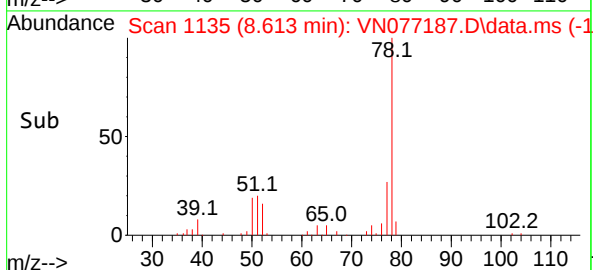
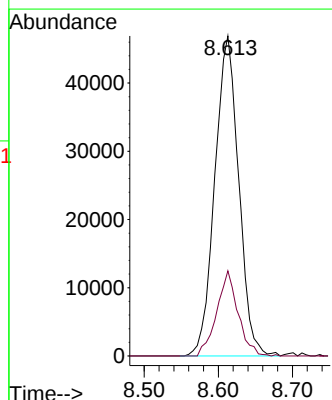
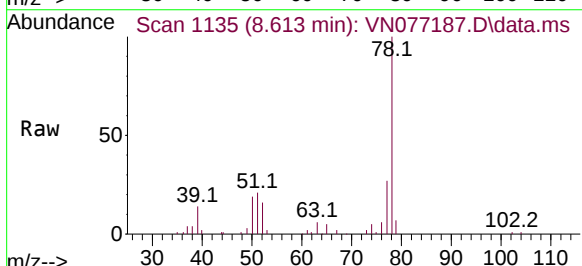
Acq: 24 Mar 2023 20:54

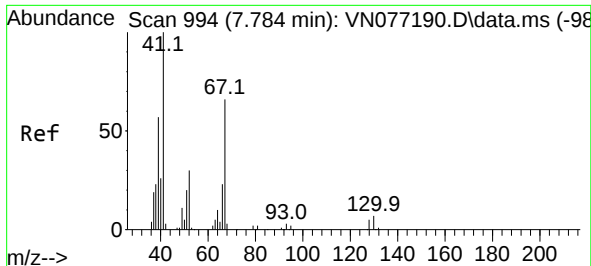
Tgt Ion: 78 Resp: 105076

Ion Ratio Lower Upper

78 100

77 26.6 18.6 28.0



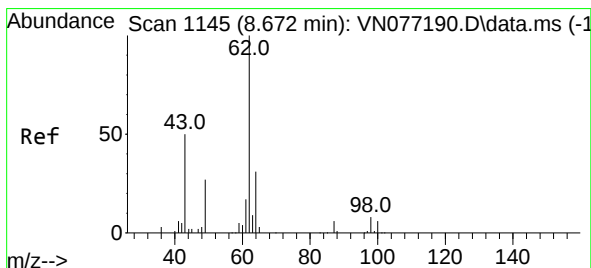
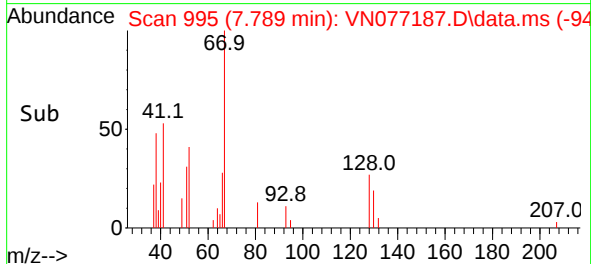
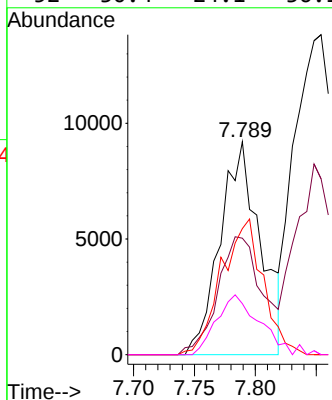
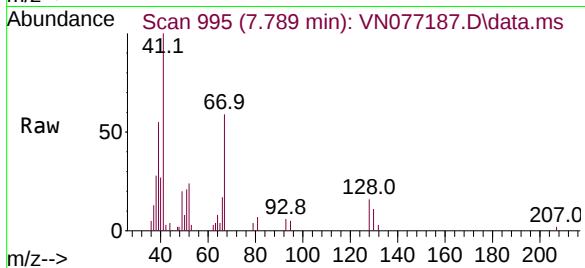


#41  
Methacrylonitrile  
Concen: 5.172 ug/l  
RT: 7.789 min Scan# 994  
Delta R.T. 0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Tgt Ion: 41 Resp: 21177

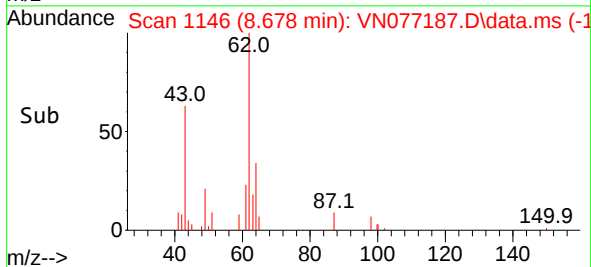
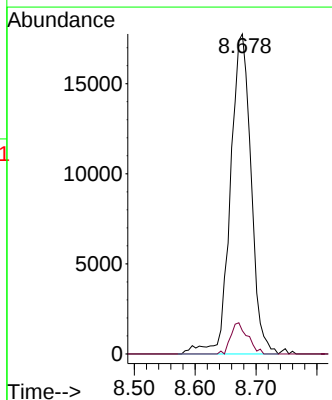
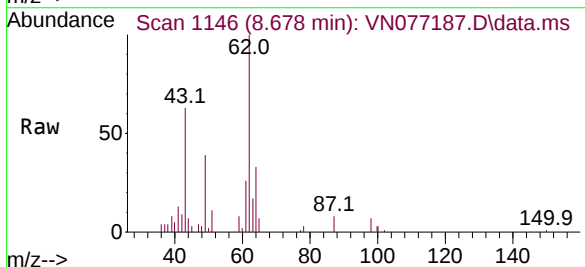
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 61.0  | 45.4  | 68.2  |
| 67  | 65.7  | 54.0  | 81.0  |
| 52  | 30.4  | 24.1  | 36.1  |

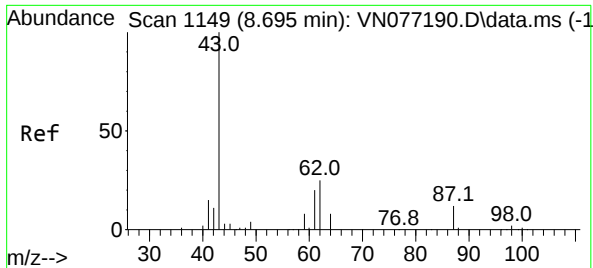


#42  
1,2-Dichloroethane  
Concen: 5.357 ug/l  
RT: 8.678 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 62 Resp: 41887

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.0   | 0.0   | 17.4  |

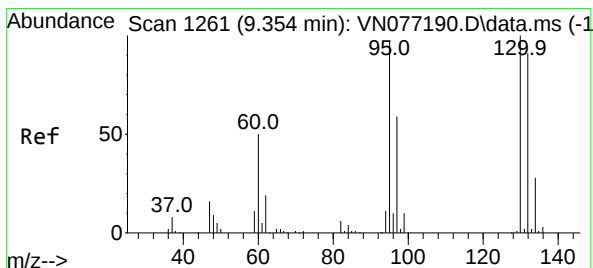
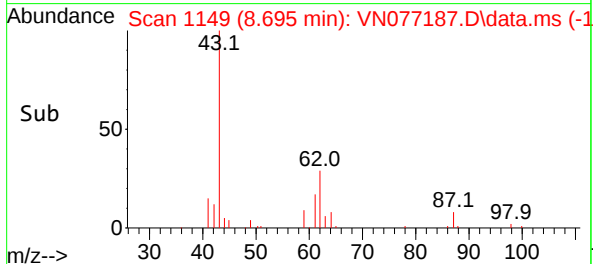
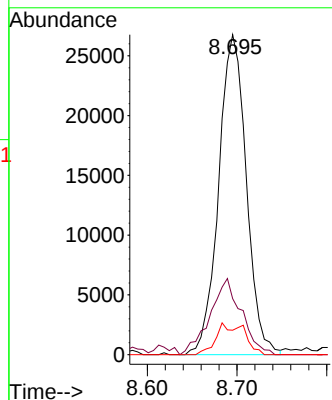
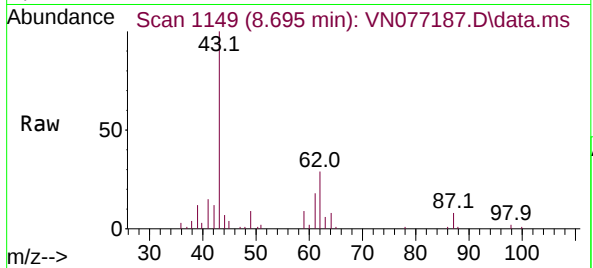




#43  
Isopropyl Acetate  
Concen: 4.811 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

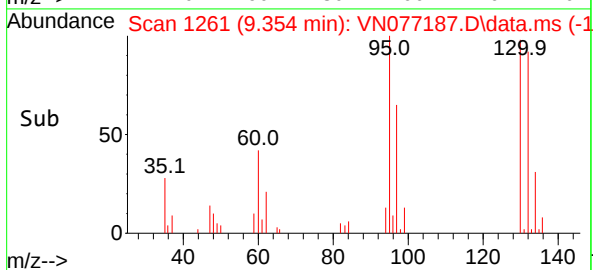
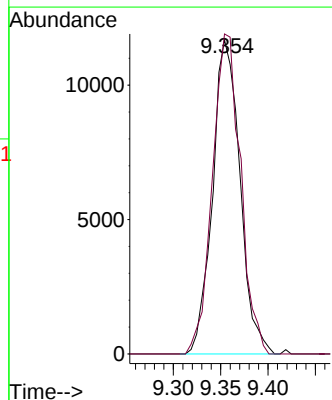
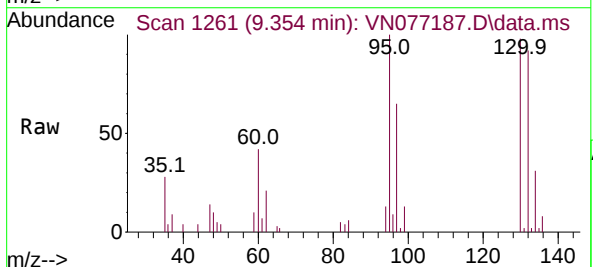
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

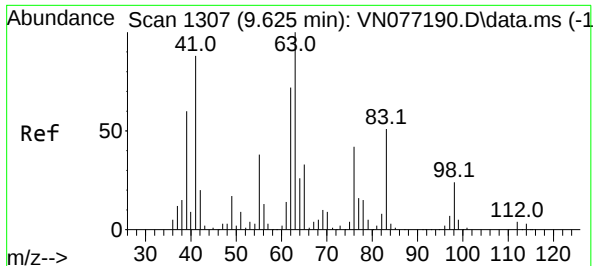
Tgt Ion: 43 Resp: 57364  
Ion Ratio Lower Upper  
43 100  
61 27.1 19.4 29.2  
87 5.9 9.8 14.8#



#44  
Trichloroethene  
Concen: 4.881 ug/l  
RT: 9.354 min Scan# 1261  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion:130 Resp: 23543  
Ion Ratio Lower Upper  
130 100  
95 102.0 0.0 193.4





#45

1,2-Dichloropropane

Concen: 5.215 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

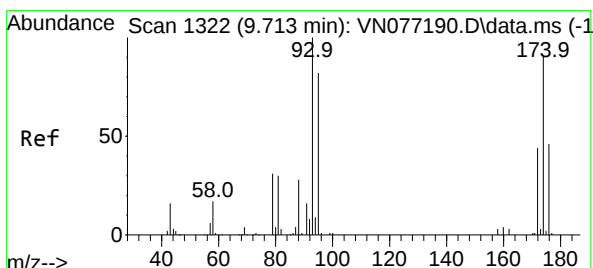
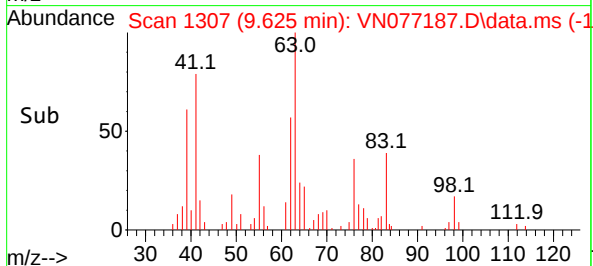
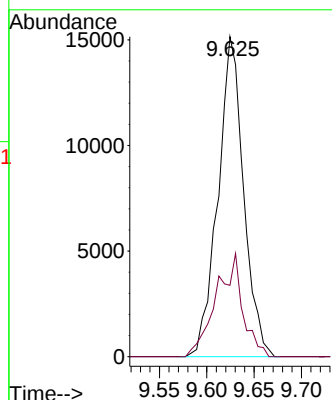
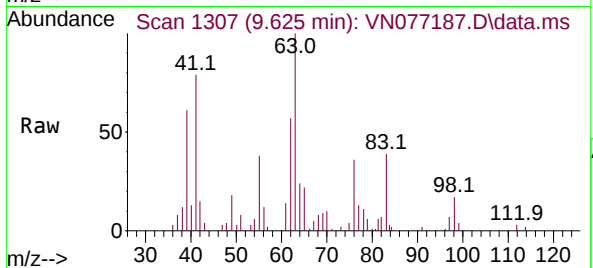
VSTDIC005

Tgt Ion: 63 Resp: 28561

Ion Ratio Lower Upper

63 100

65 22.3 26.2 39.4#



#46

Dibromomethane

Concen: 5.386 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

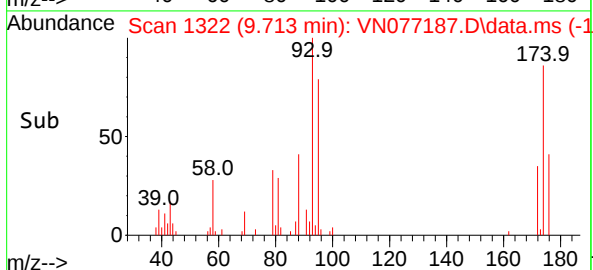
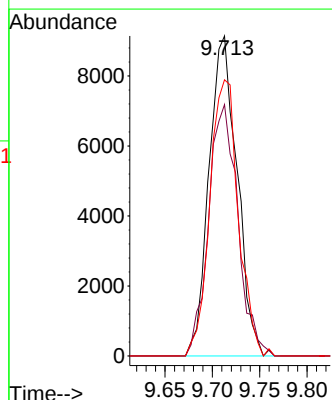
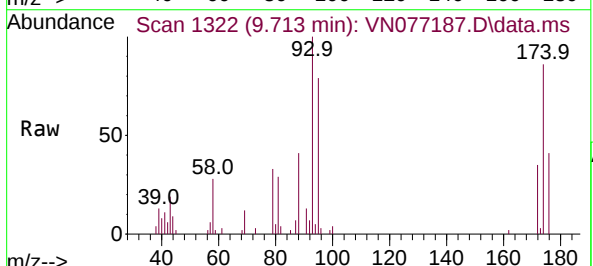
Tgt Ion: 93 Resp: 18839

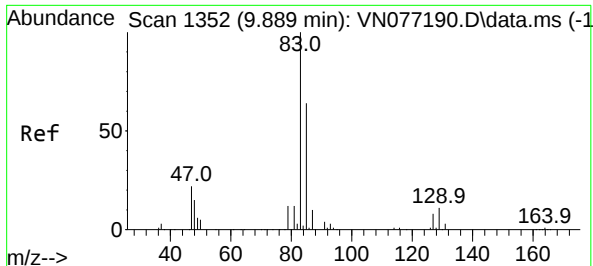
Ion Ratio Lower Upper

93 100

95 81.7 65.7 98.5

174 87.7 73.2 109.8

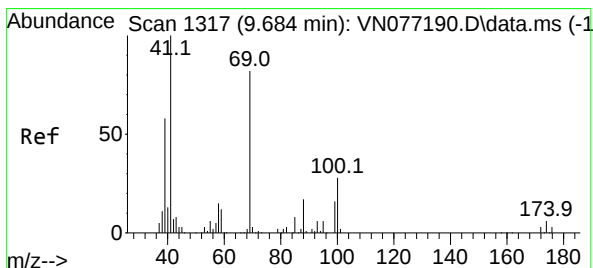
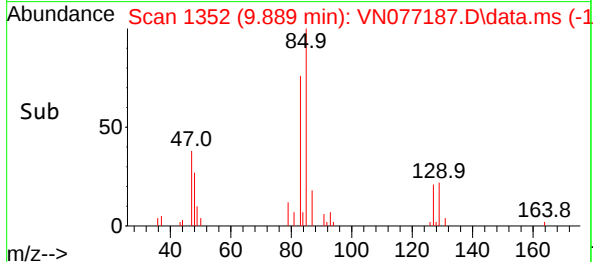
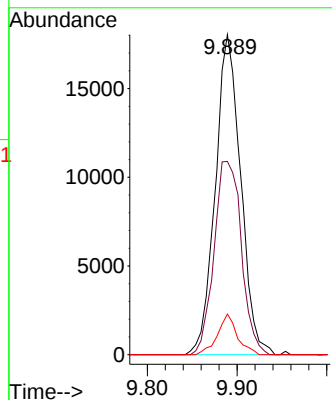
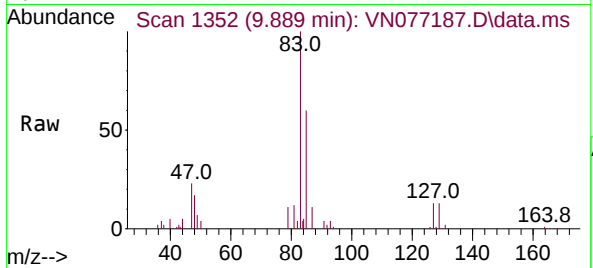




#47  
Bromodichloromethane  
Concen: 4.912 ug/l  
RT: 9.889 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

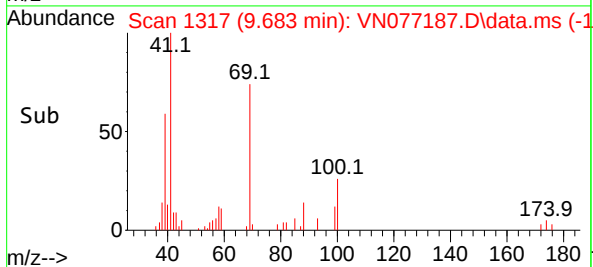
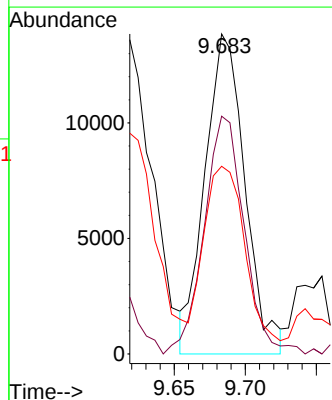
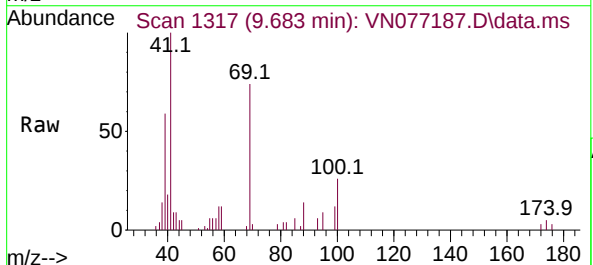
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

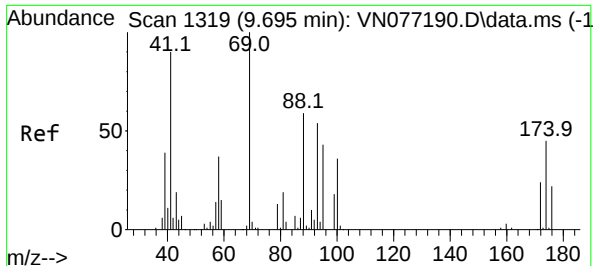
Tgt Ion: 83 Resp: 35436  
Ion Ratio Lower Upper  
83 100  
85 60.4 51.4 77.0  
127 12.7 6.5 9.7#



#48  
Methyl methacrylate  
Concen: 4.710 ug/l  
RT: 9.683 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 41 Resp: 27152  
Ion Ratio Lower Upper  
41 100  
69 74.3 60.9 91.3  
39 62.2 49.3 73.9

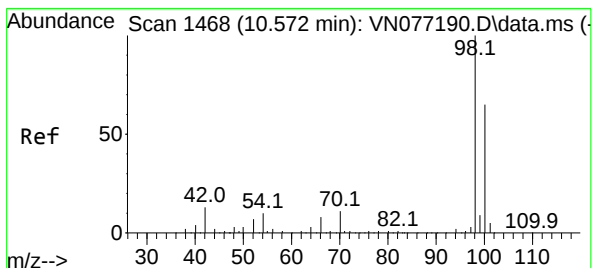
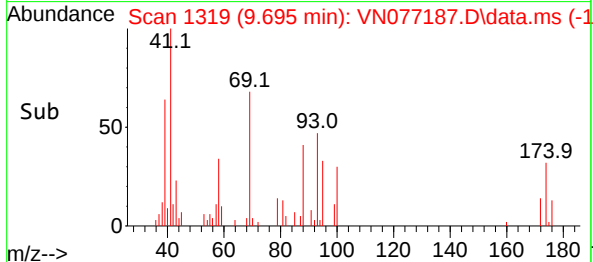
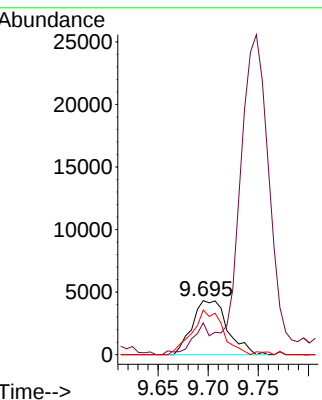
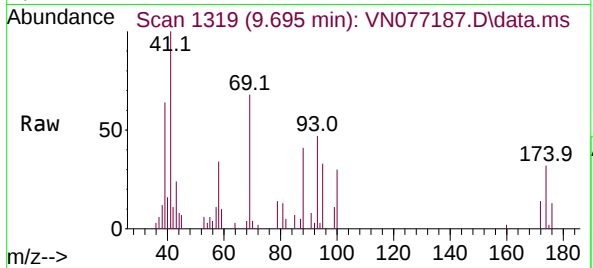




#49  
1,4-Dioxane  
Concen: 111.521 ug/l  
RT: 9.695 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

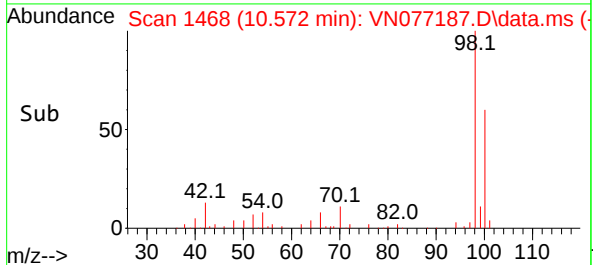
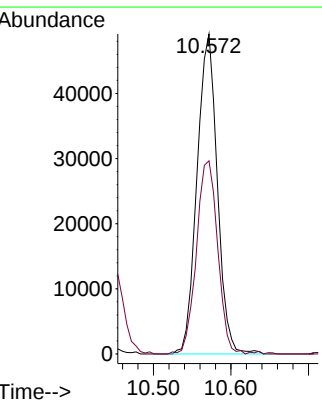
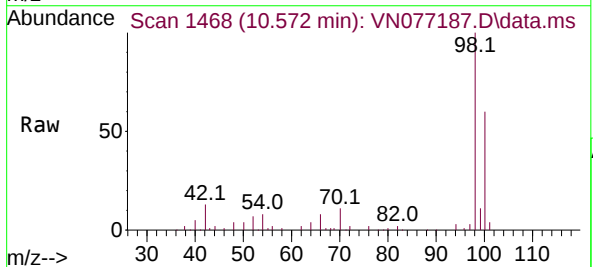
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

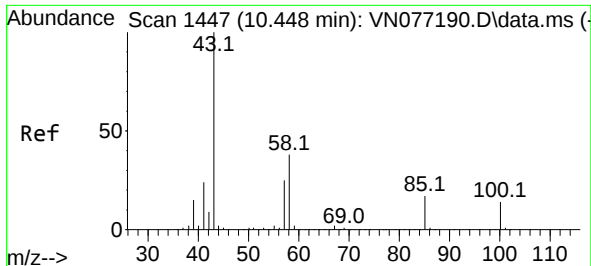
Tgt Ion: 88 Resp: 10540  
Ion Ratio Lower Upper  
88 100  
43 39.5 24.2 36.4#  
58 71.9 56.2 84.2



#50  
Toluene-d8  
Concen: 4.982 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 98 Resp: 89335  
Ion Ratio Lower Upper  
98 100  
100 63.0 51.7 77.5

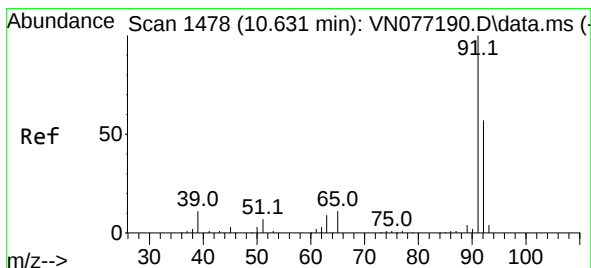
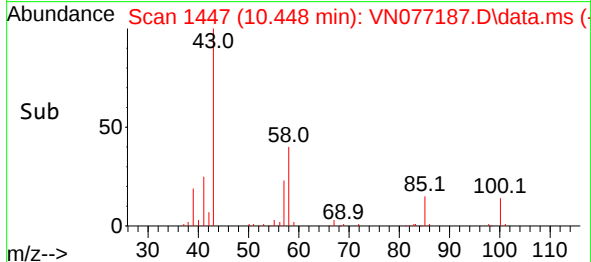
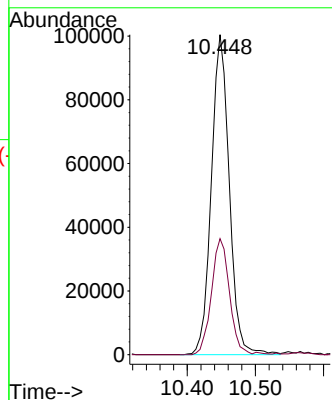
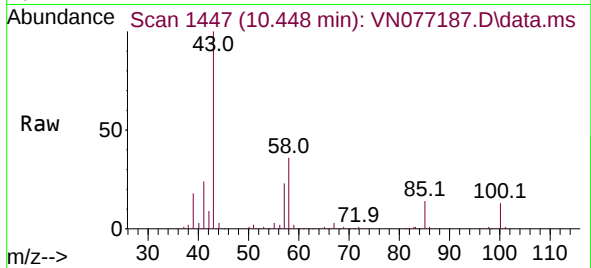




#51  
4-Methyl-2-Pentanone  
Concen: 25.187 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

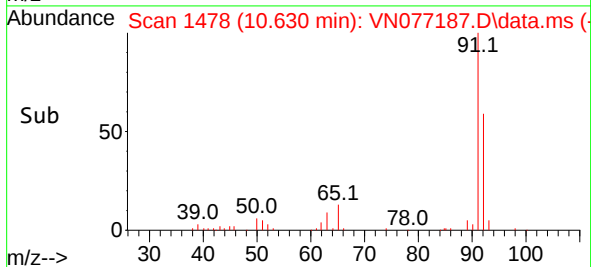
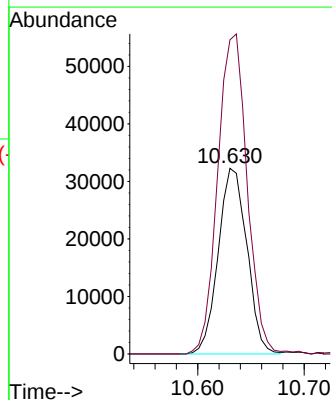
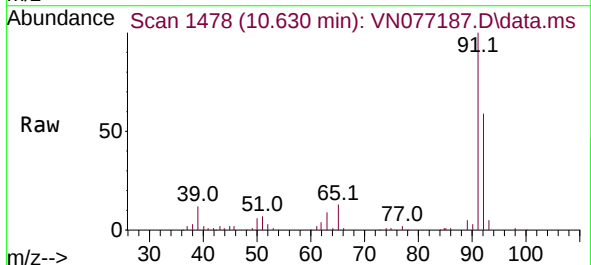
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

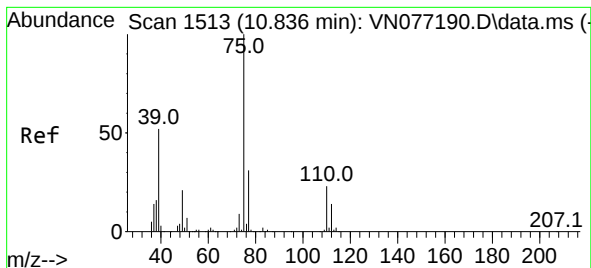
Tgt Ion: 43 Resp: 183895  
Ion Ratio Lower Upper  
43 100  
58 36.3 29.5 44.3



#52  
Toluene  
Concen: 4.881 ug/l  
RT: 10.630 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 92 Resp: 60397  
Ion Ratio Lower Upper  
92 100  
91 177.2 137.6 206.4

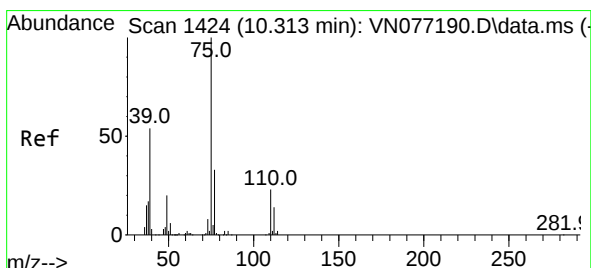
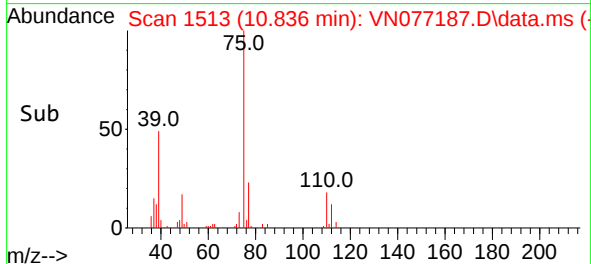
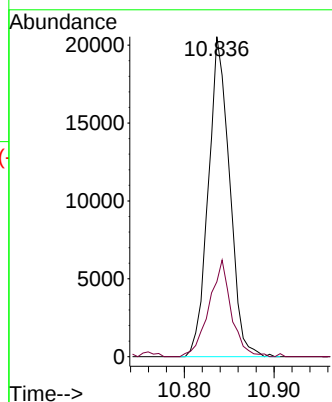
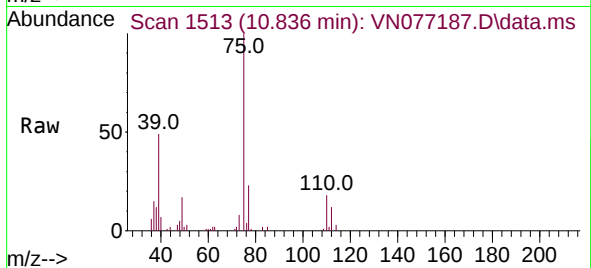




#53  
t-1,3-Dichloropropene  
Concen: 4.730 ug/l  
RT: 10.836 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

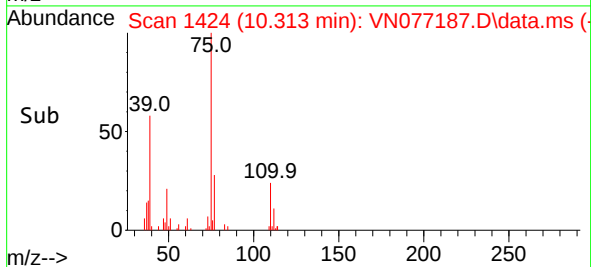
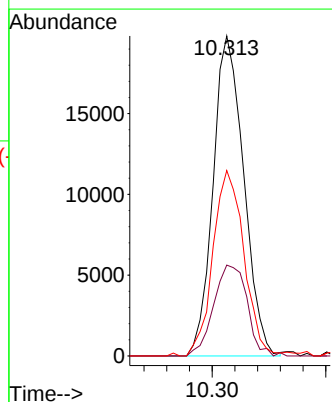
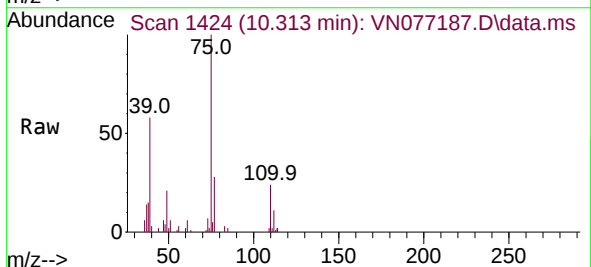
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

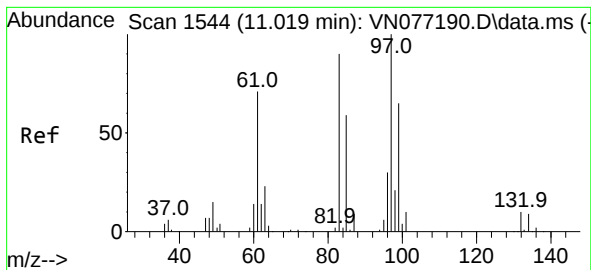
Tgt Ion: 75 Resp: 33754  
Ion Ratio Lower Upper  
75 100  
77 23.4 25.2 37.8#



#54  
cis-1,3-Dichloropropene  
Concen: 4.745 ug/l  
RT: 10.313 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 75 Resp: 37123  
Ion Ratio Lower Upper  
75 100  
77 28.4 26.6 40.0  
39 58.0 43.5 65.3





#55

1,1,2-Trichloroethane

Concen: 5.246 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 25094

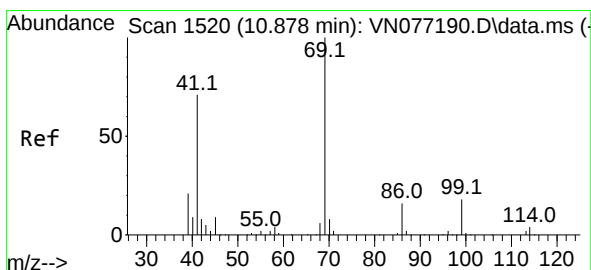
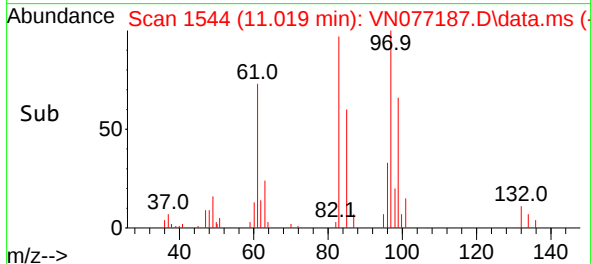
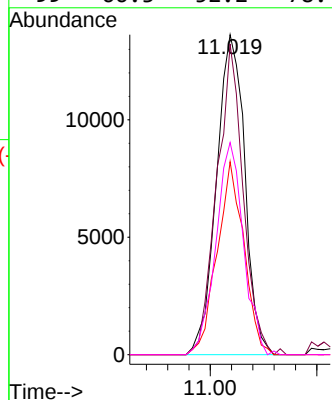
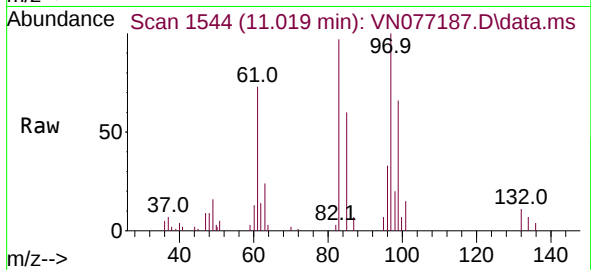
Ion Ratio Lower Upper

97 100

83 97.1 72.4 108.6

85 60.3 46.9 70.3

99 66.3 52.2 78.4



#56

Ethyl methacrylate

Concen: 5.791 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

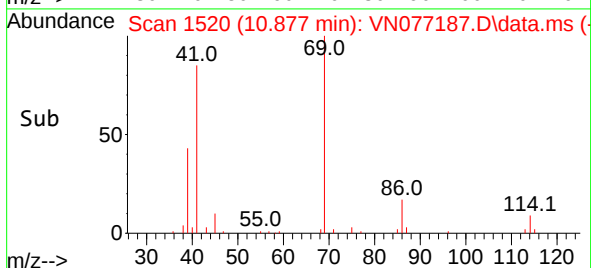
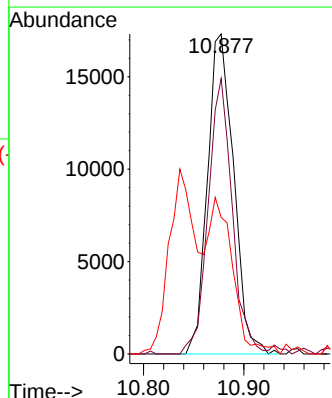
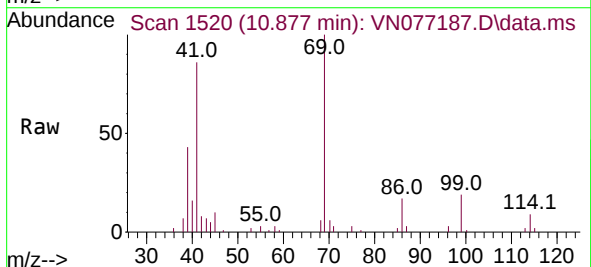
Tgt Ion: 69 Resp: 31394

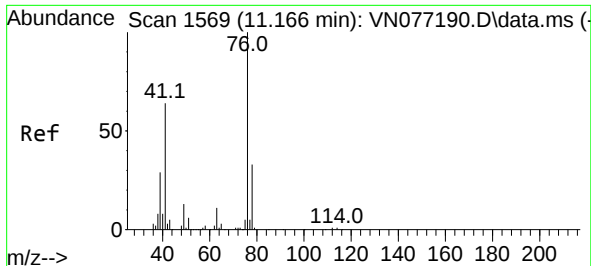
Ion Ratio Lower Upper

69 100

41 79.2 59.8 89.8

39 44.8 32.5 48.7





#57

1,3-Dichloropropane

Concen: 5.166 ug/l

RT: 11.160 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

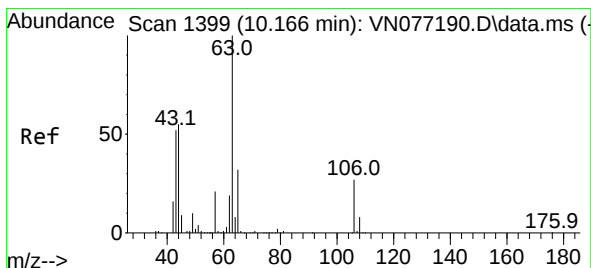
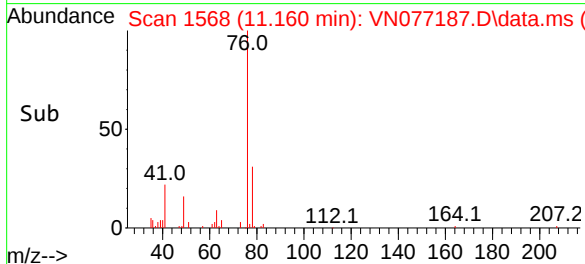
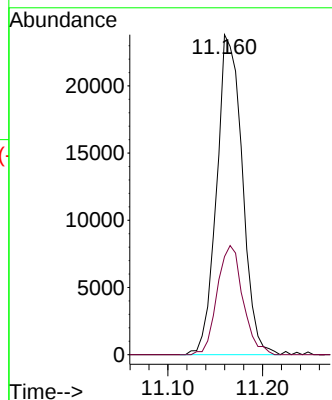
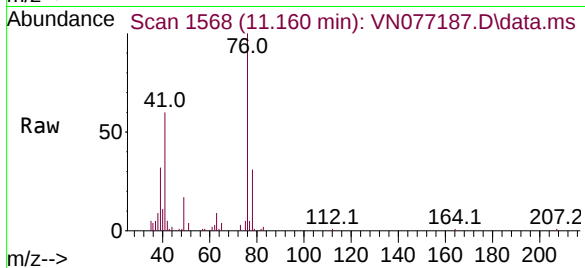
VSTDICC005

Tgt Ion: 76 Resp: 44731

Ion Ratio Lower Upper

76 100

78 34.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 30.277 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VN077187.D

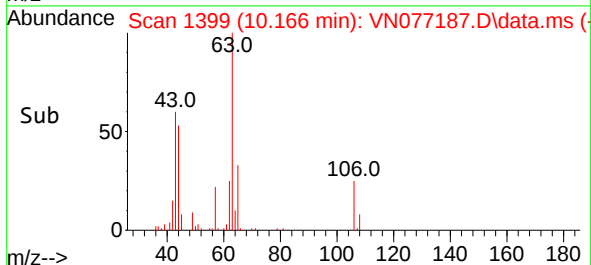
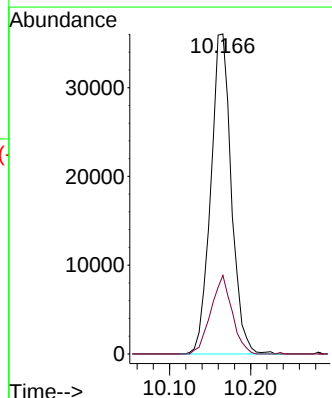
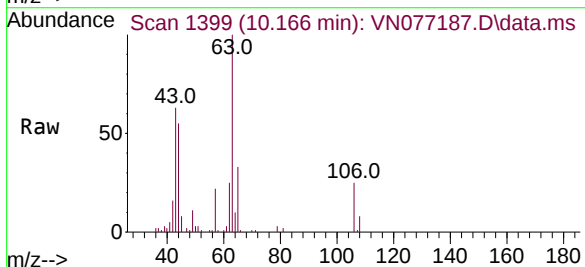
Acq: 24 Mar 2023 20:54

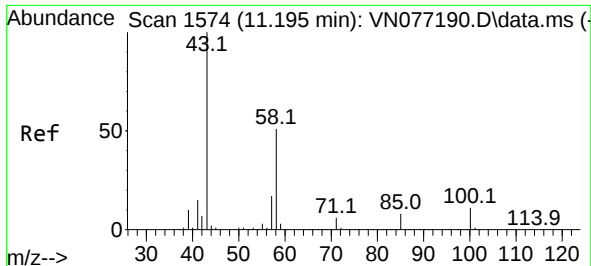
Tgt Ion: 63 Resp: 63537

Ion Ratio Lower Upper

63 100

106 25.3 20.9 31.3

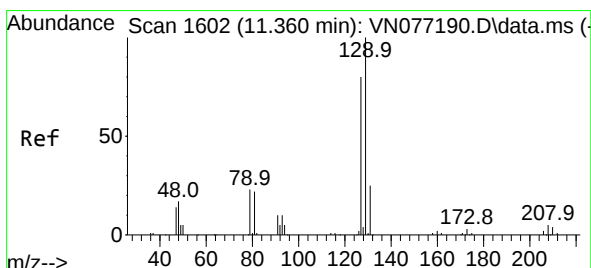
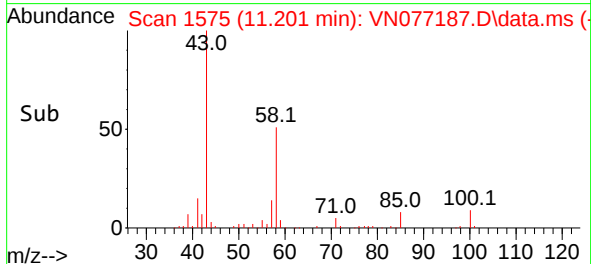
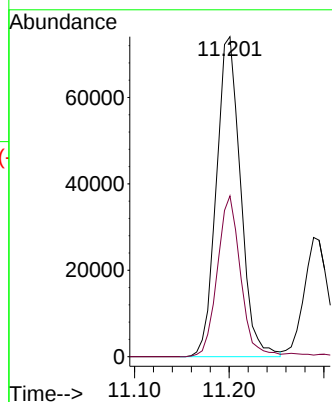
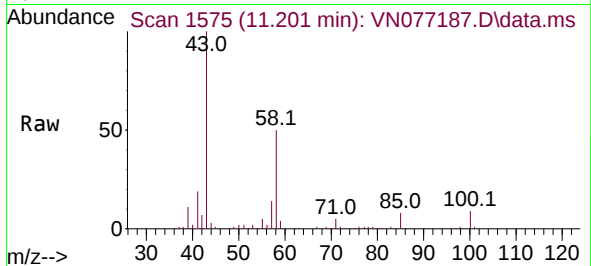




#59  
2-Hexanone  
Concen: 25.471 ug/l  
RT: 11.201 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

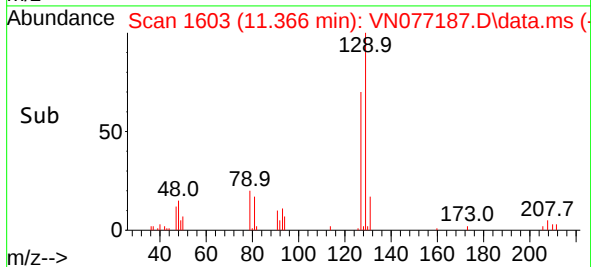
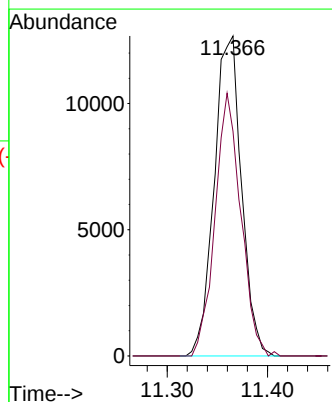
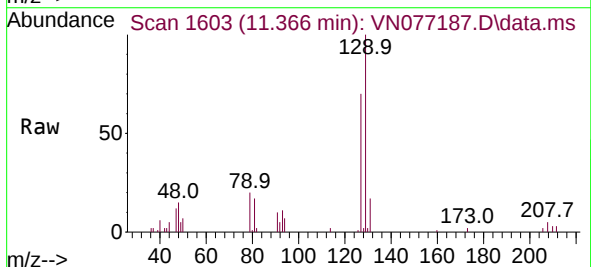
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

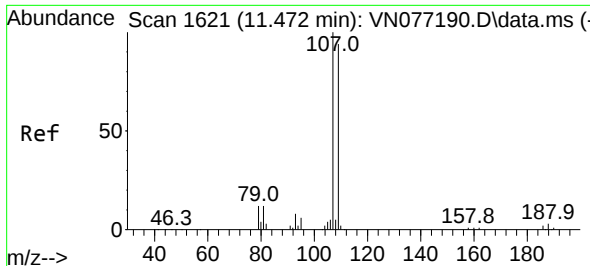
Tgt Ion: 43 Resp: 131795  
Ion Ratio Lower Upper  
43 100  
58 48.2 25.8 77.4



#60  
Dibromochloromethane  
Concen: 4.796 ug/l  
RT: 11.366 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 129 Resp: 23982  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 115.7

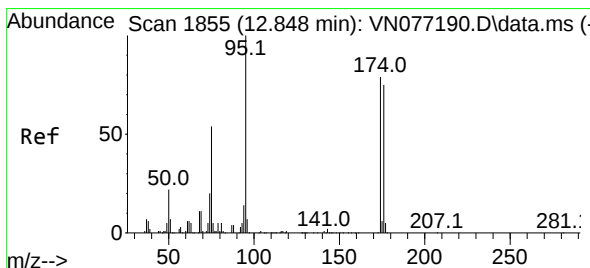
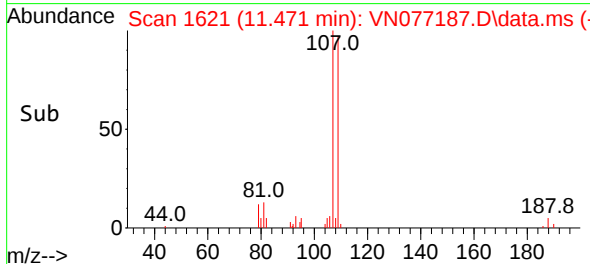
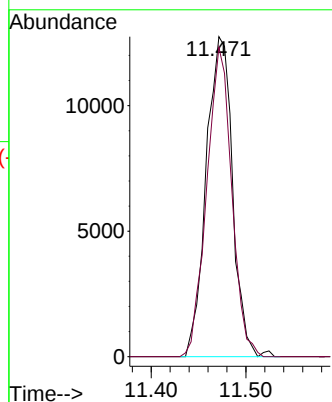
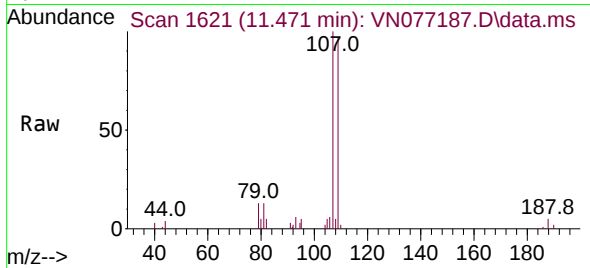




#61  
1,2-Dibromoethane  
Concen: 5.063 ug/l  
RT: 11.471 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

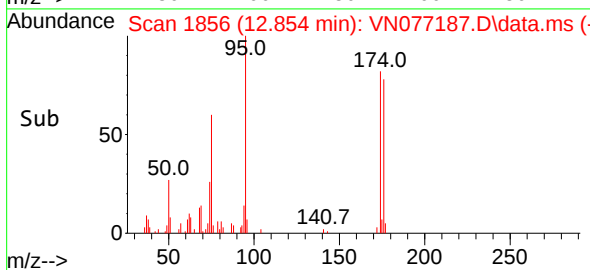
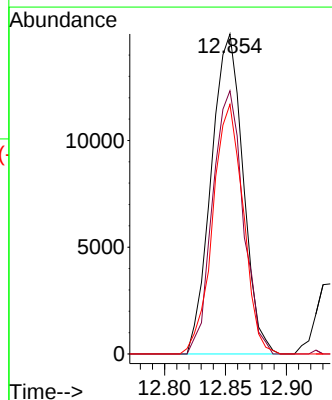
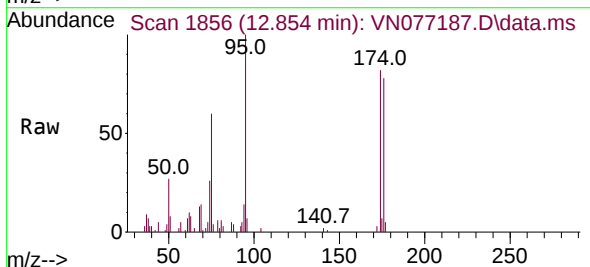
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

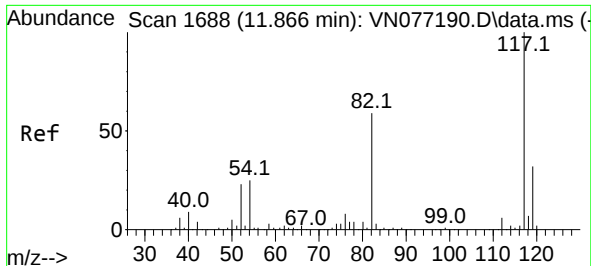
Tgt Ion:107 Resp: 24564  
Ion Ratio Lower Upper  
107 100  
109 92.0 76.8 115.2



#62  
4-Bromofluorobenzene  
Concen: 4.594 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 95 Resp: 27285  
Ion Ratio Lower Upper  
95 100  
174 79.0 0.0 159.0  
176 74.7 0.0 150.8

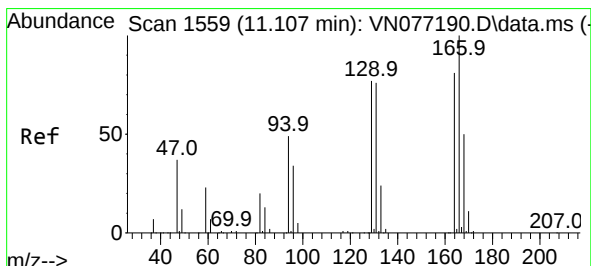
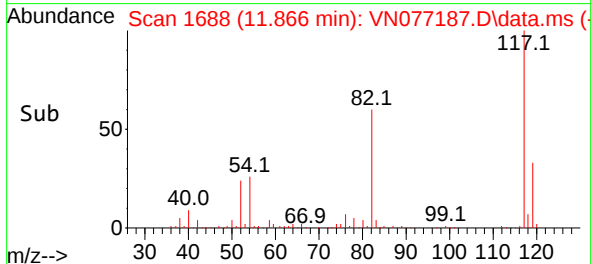
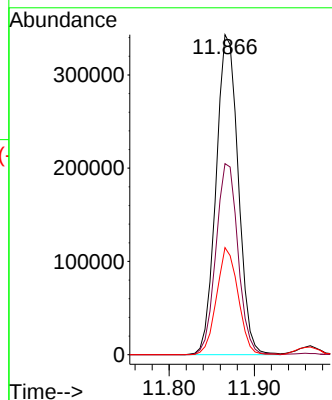
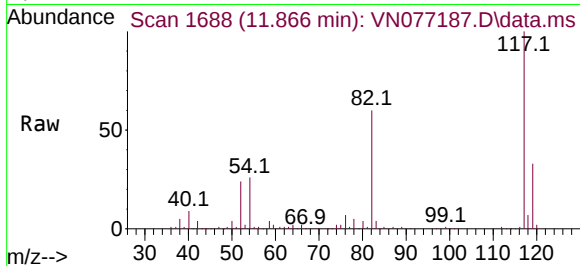




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

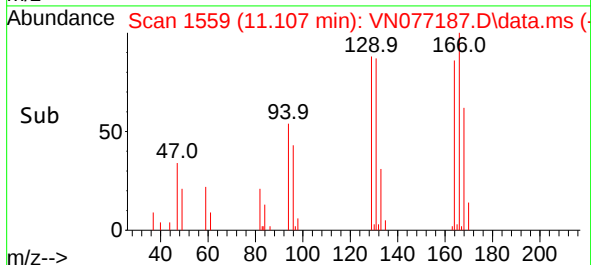
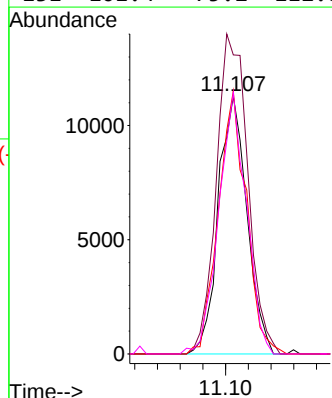
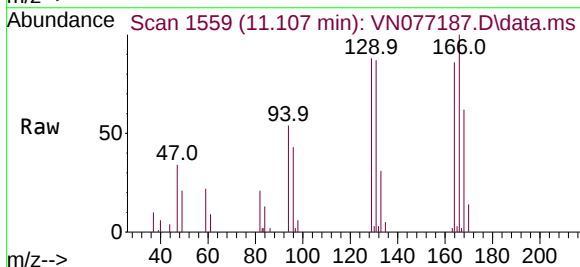
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

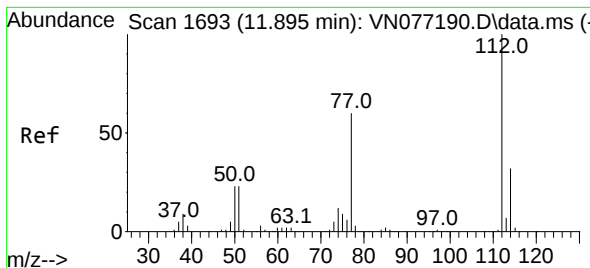
Tgt Ion:117 Resp: 620803  
Ion Ratio Lower Upper  
117 100  
82 59.7 47.0 70.6  
119 33.5 25.7 38.5



#64  
Tetrachloroethene  
Concen: 5.072 ug/l  
RT: 11.107 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion:164 Resp: 19766  
Ion Ratio Lower Upper  
164 100  
166 116.0 99.4 149.0  
129 102.1 76.6 114.8  
131 101.4 75.2 112.8





#65

Chlorobenzene

Concen: 4.996 ug/l

RT: 11.895 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

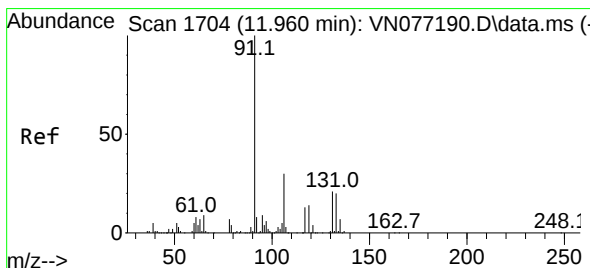
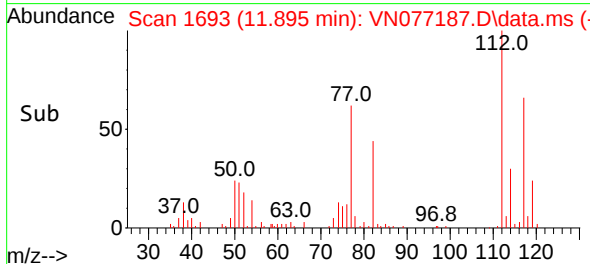
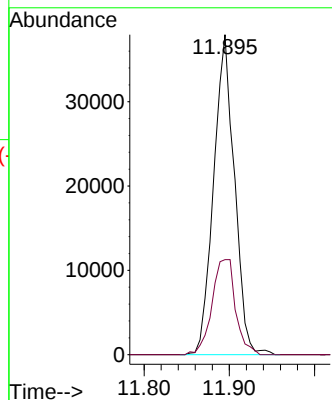
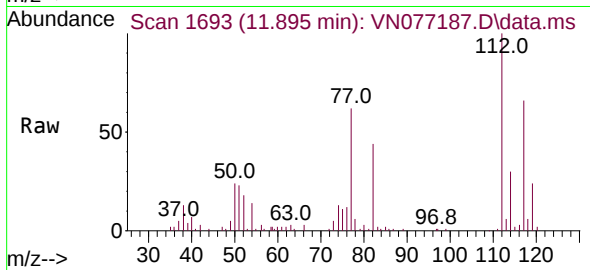
VSTDIC005

Tgt Ion:112 Resp: 64350

Ion Ratio Lower Upper

112 100

114 29.7 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 5.032 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

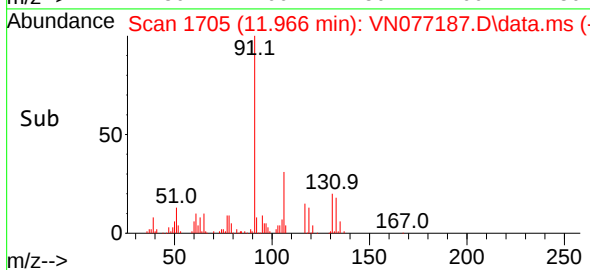
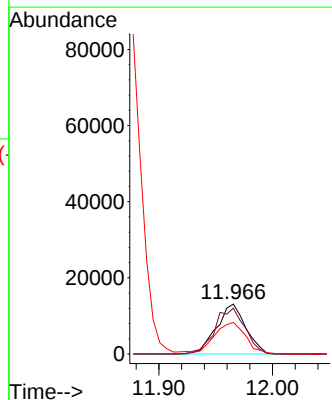
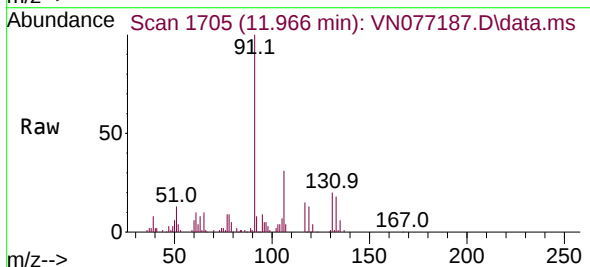
Tgt Ion:131 Resp: 23323

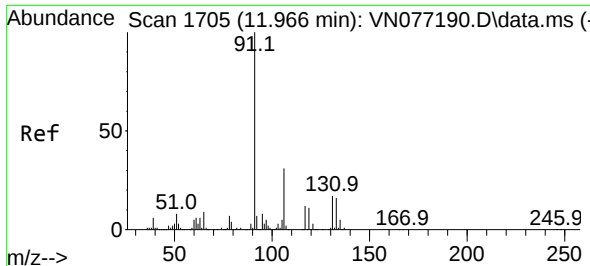
Ion Ratio Lower Upper

131 100

133 95.5 47.6 142.8

119 67.0 33.5 100.5

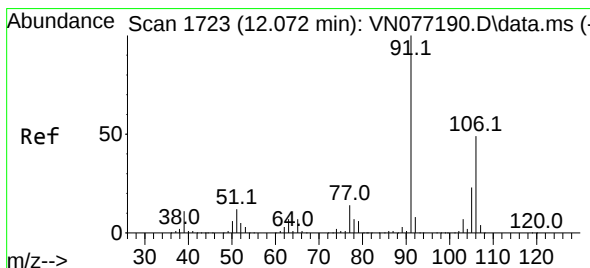
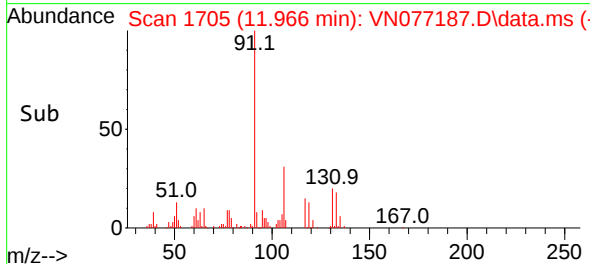
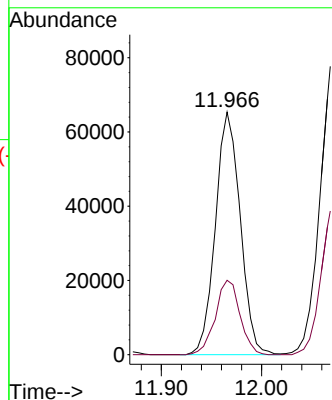
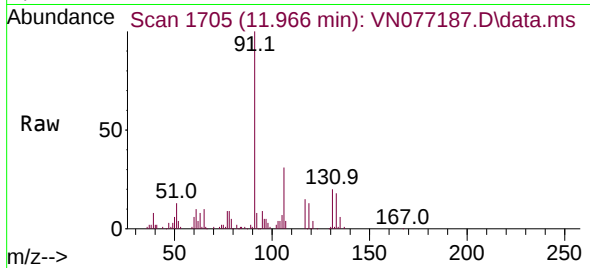




#67  
Ethyl Benzene  
Concen: 5.002 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

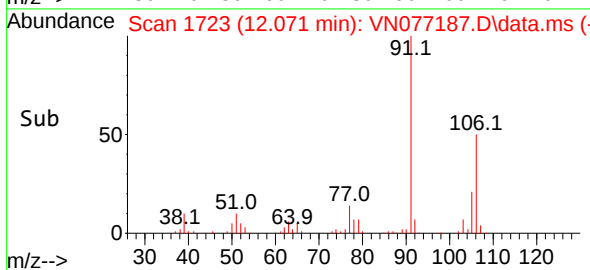
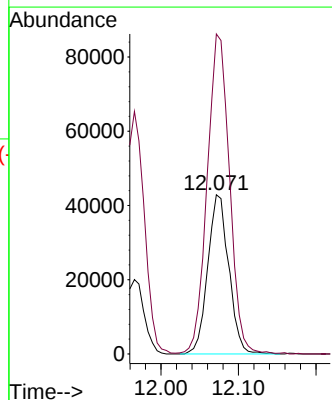
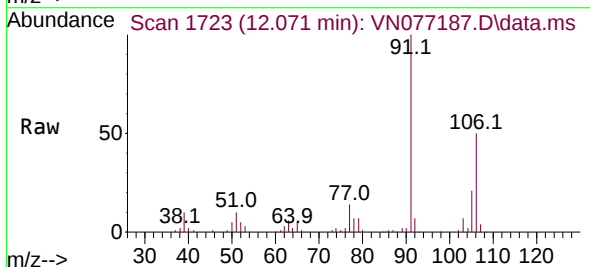
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

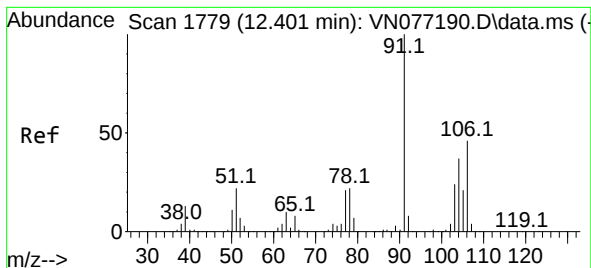
Tgt Ion: 91 Resp: 112369  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.4 36.6



#68  
m/p-Xylenes  
Concen: 9.767 ug/l  
RT: 12.071 min Scan# 1723  
Delta R.T. -0.001 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 106 Resp: 80867  
Ion Ratio Lower Upper  
106 100  
91 214.0 165.8 248.8





#69

o-Xylene

Concen: 4.751 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

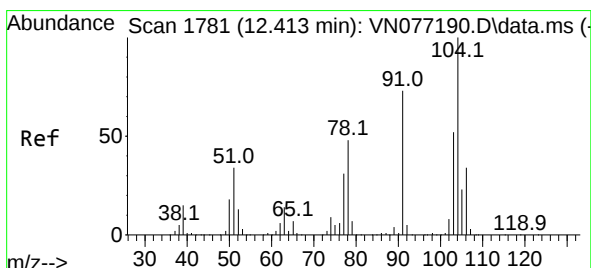
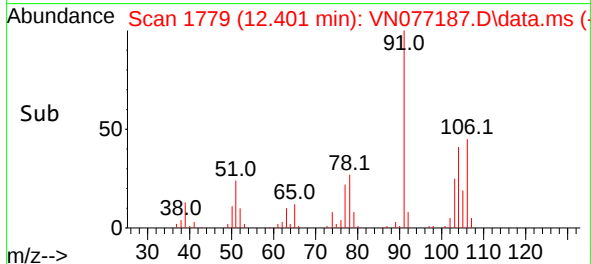
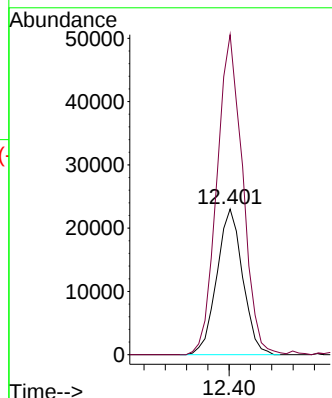
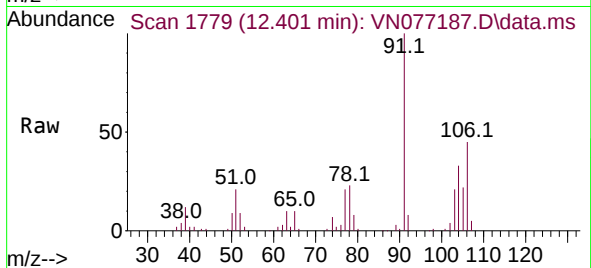
VSTDIC005

Tgt Ion:106 Resp: 38778

Ion Ratio Lower Upper

106 100

91 218.8 108.7 326.1



#70

Styrene

Concen: 5.960 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

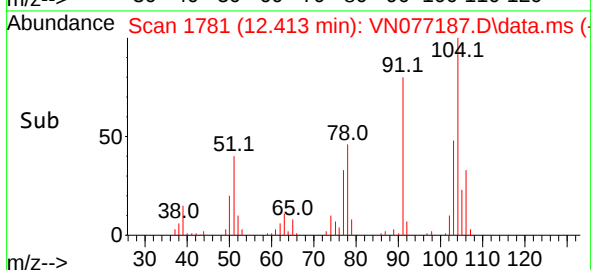
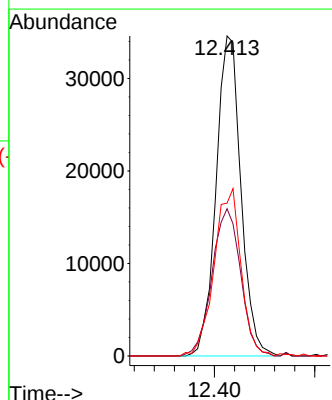
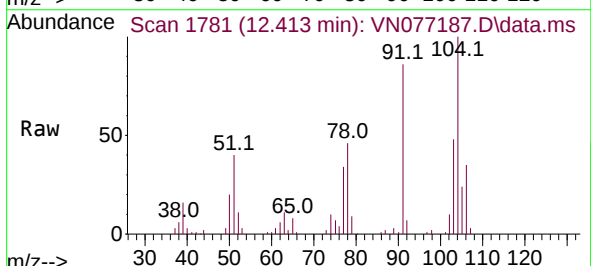
Tgt Ion:104 Resp: 59547

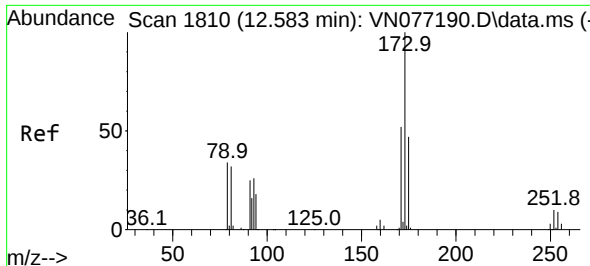
Ion Ratio Lower Upper

104 100

78 52.8 41.2 61.8

103 56.3 44.1 66.1

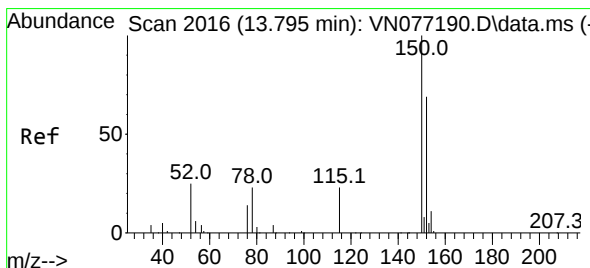
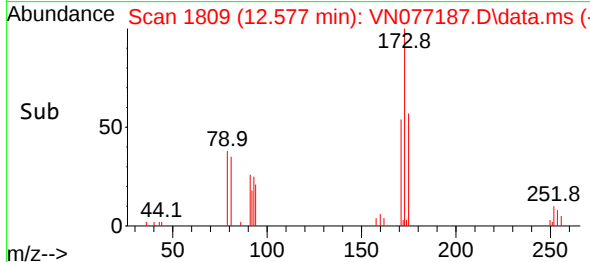
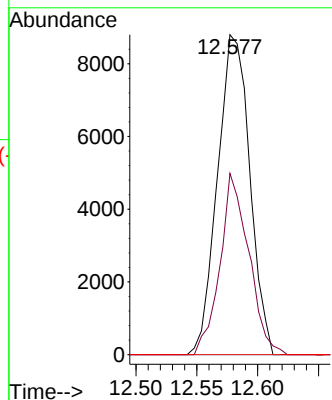
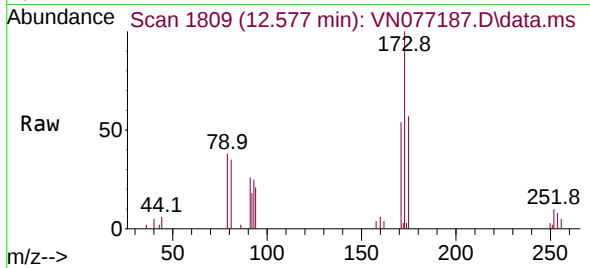




#71  
Bromoform  
Concen: 4.811 ug/l  
RT: 12.577 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

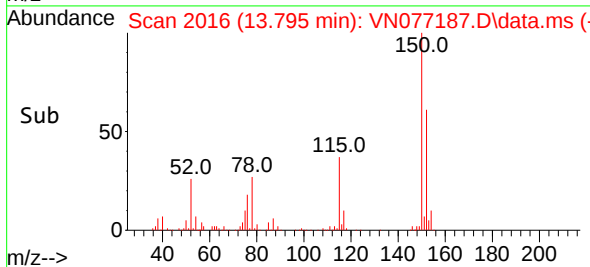
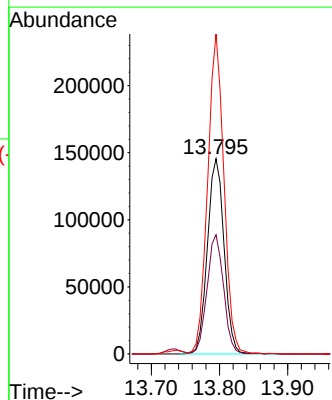
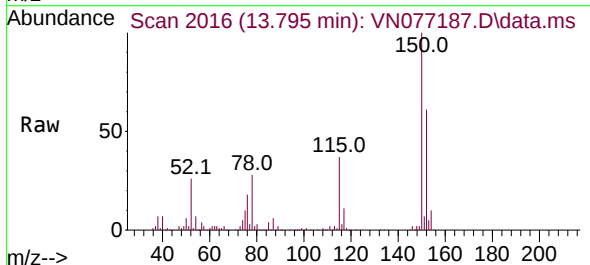
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

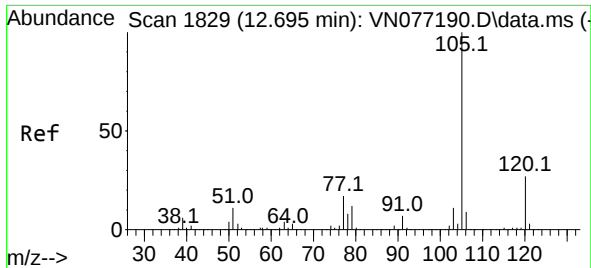
Tgt Ion:173 Resp: 16214  
Ion Ratio Lower Upper  
173 100  
175 50.6 23.8 71.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion:152 Resp: 247459  
Ion Ratio Lower Upper  
152 100  
115 60.6 30.4 91.2  
150 160.1 0.0 345.6

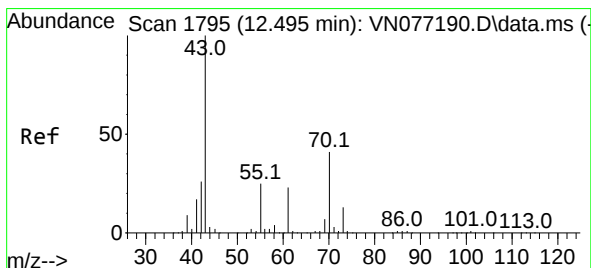
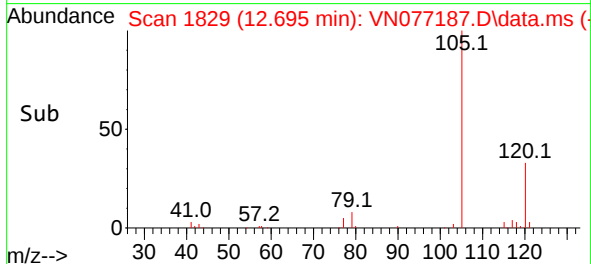
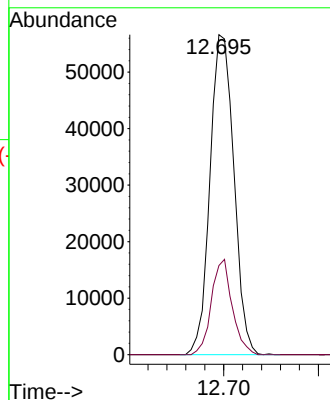
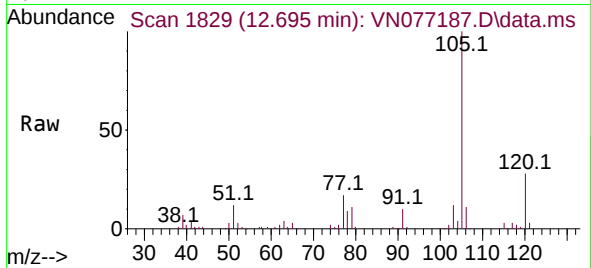




#73  
Isopropylbenzene  
Concen: 5.171 ug/l  
RT: 12.695 min Scan# 1829  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

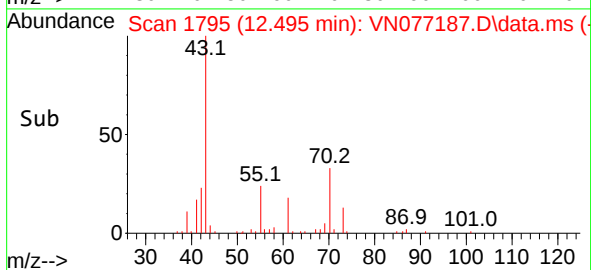
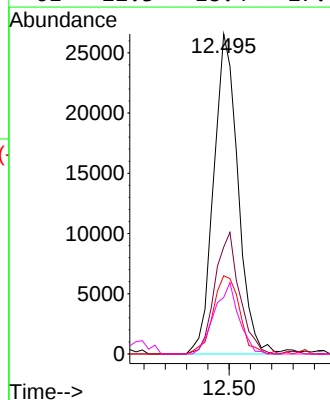
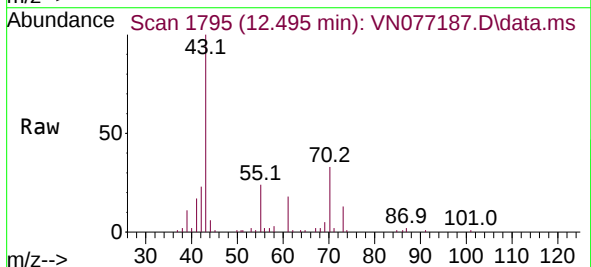
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

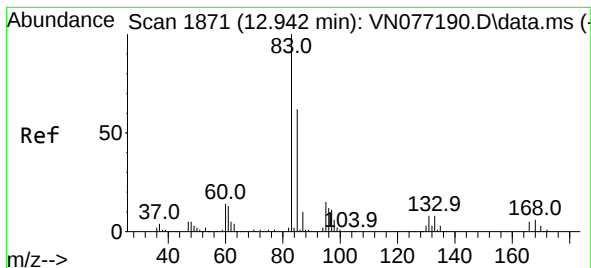
Tgt Ion:105 Resp: 99243  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.5 40.4



#74  
N-ethyl acetate  
Concen: 5.023 ug/l  
RT: 12.495 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 43 Resp: 42123  
Ion Ratio Lower Upper  
43 100  
70 38.4 32.8 49.2  
55 26.7 20.2 30.2  
61 22.3 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.701 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

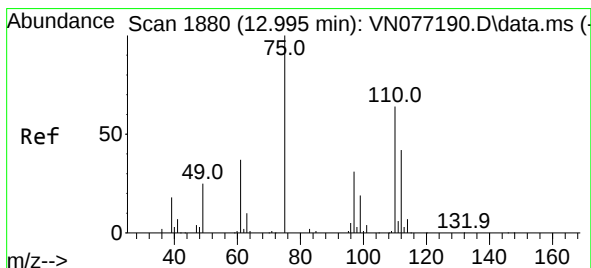
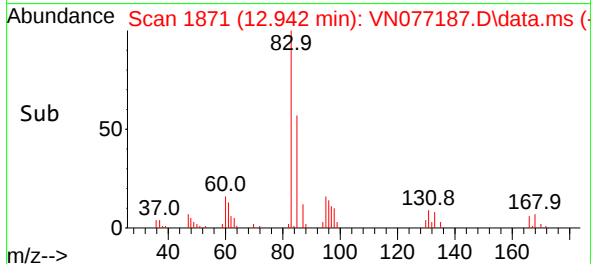
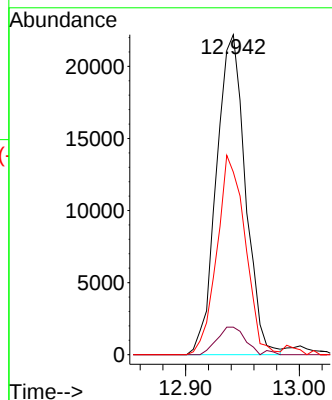
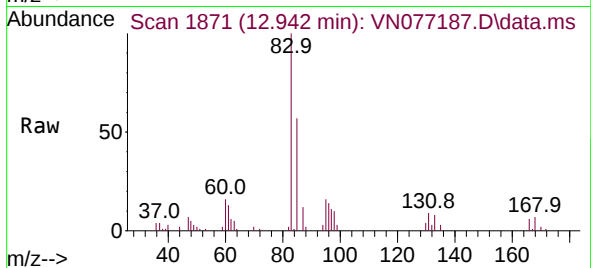
Tgt Ion: 83 Resp: 39440

Ion Ratio Lower Upper

83 100

131 8.7 4.9 14.6

85 60.7 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 7.476 ug/l

RT: 13.001 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN077187.D

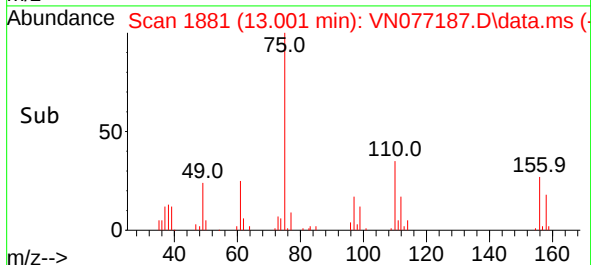
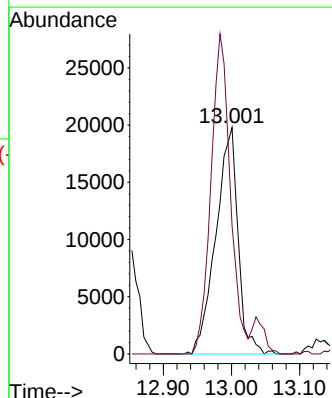
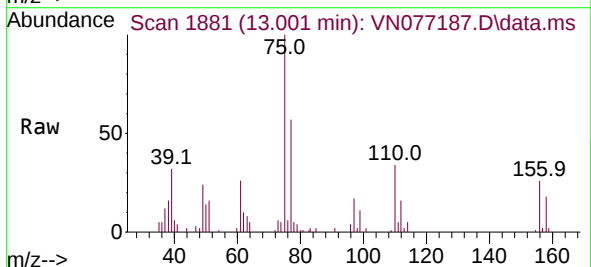
Acq: 24 Mar 2023 20:54

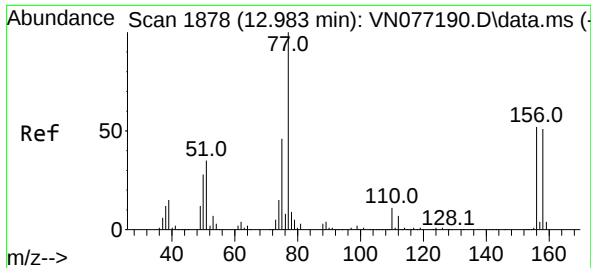
Tgt Ion: 75 Resp: 44878

Ion Ratio Lower Upper

75 100

77 123.0 92.5 277.3

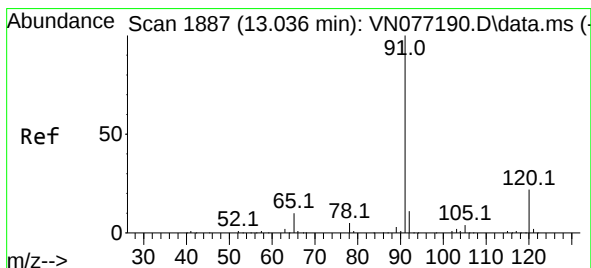
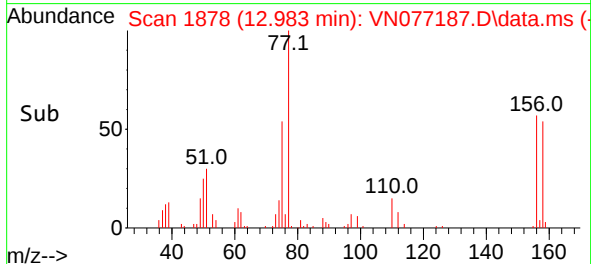
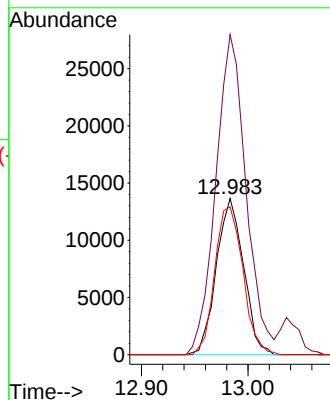
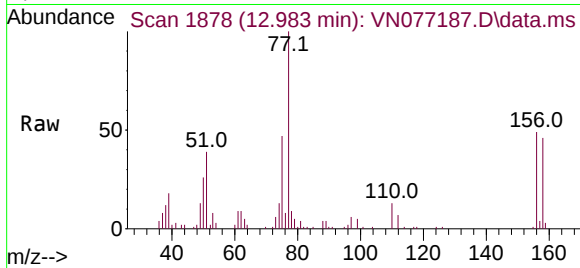




#77  
Bromobenzene  
Concen: 5.267 ug/l  
RT: 12.983 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

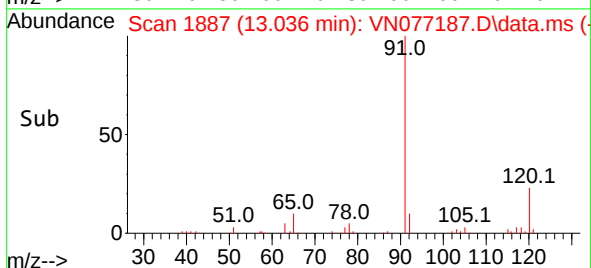
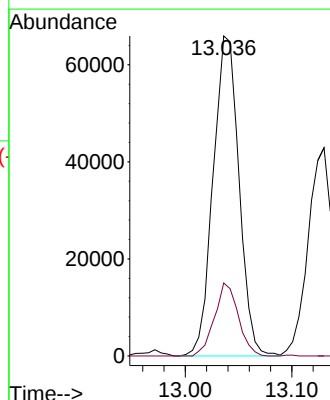
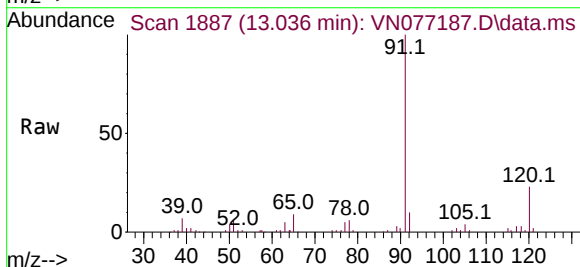
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

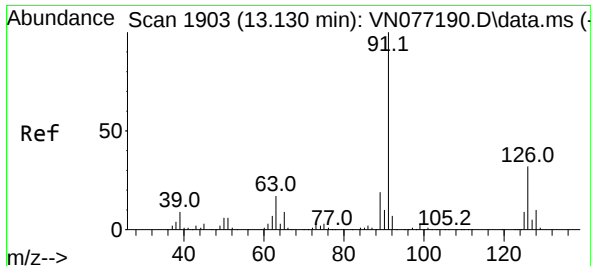
Tgt Ion:156 Resp: 24221  
Ion Ratio Lower Upper  
156 100  
77 228.0 110.3 330.9  
158 97.9 48.8 146.4



#78  
n-propylbenzene  
Concen: 5.113 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 91 Resp: 111247  
Ion Ratio Lower Upper  
91 100  
120 20.9 11.1 33.3

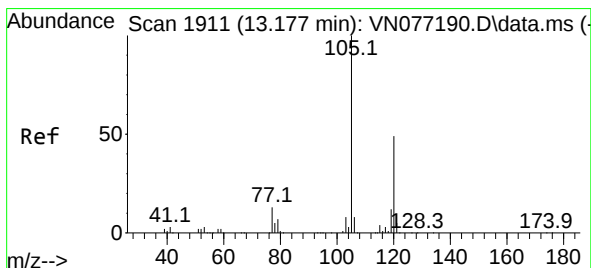
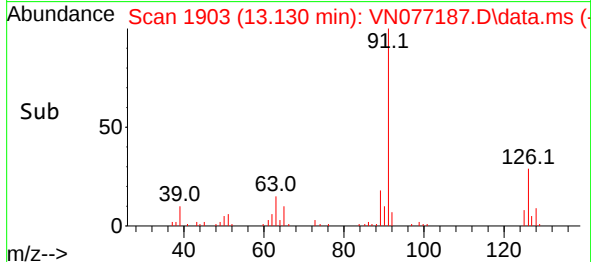
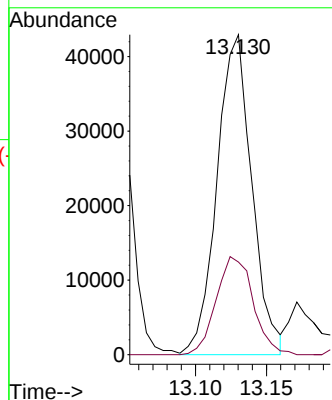
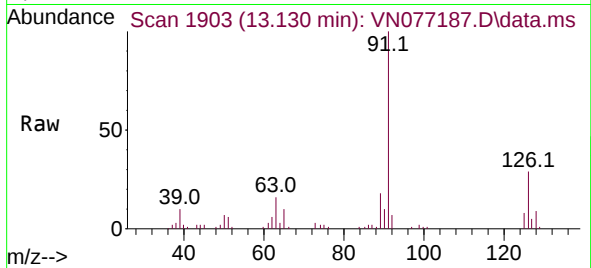




#79  
2-Chlorotoluene  
Concen: 5.333 ug/l  
RT: 13.130 min Scan# 1903  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

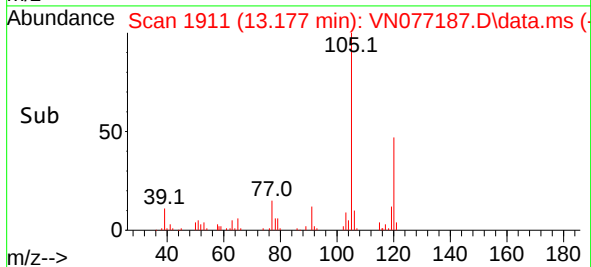
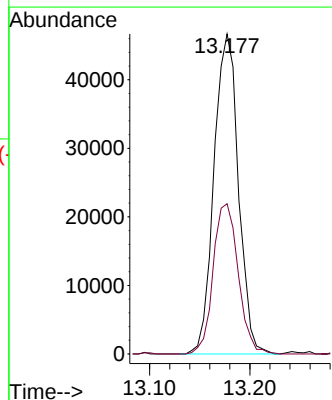
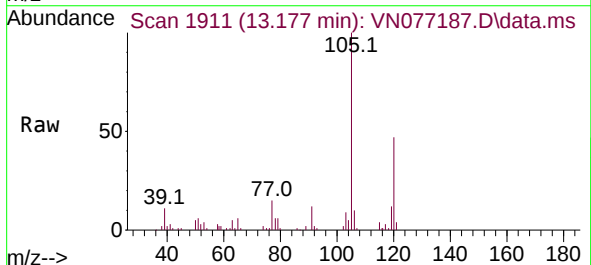
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

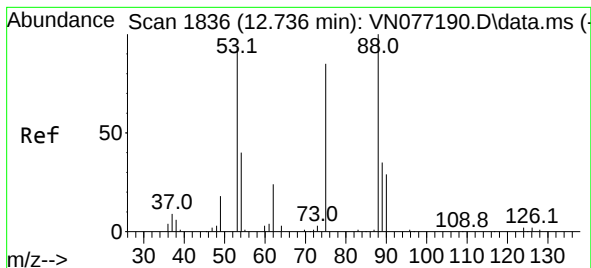
Tgt Ion: 91 Resp: 73296  
Ion Ratio Lower Upper  
91 100  
126 32.5 15.9 47.7



#80  
1,3,5-Trimethylbenzene  
Concen: 5.090 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 105 Resp: 78912  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.1 72.2

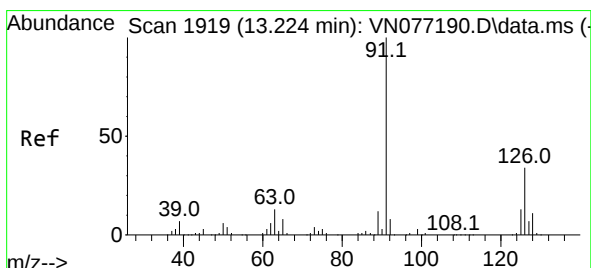
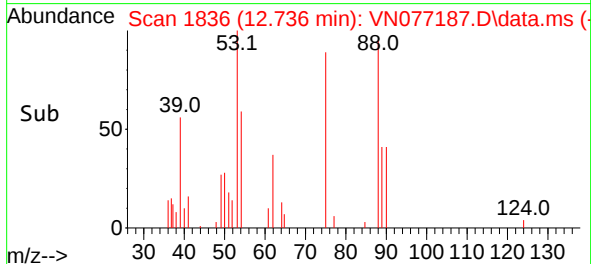
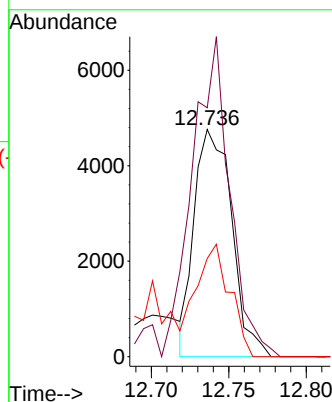
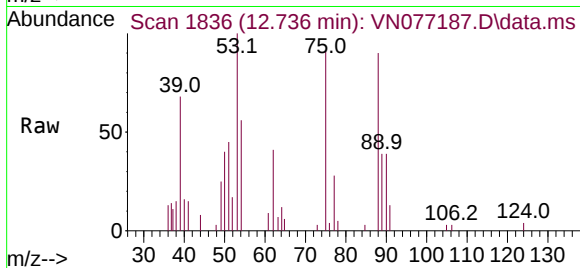




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.503 ug/l  
RT: 12.736 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

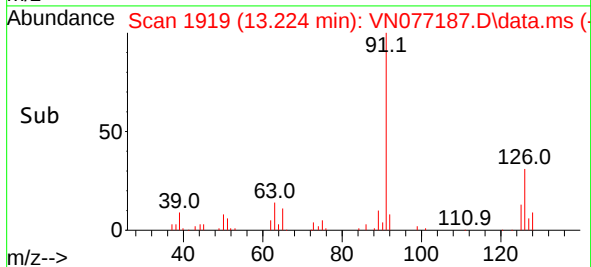
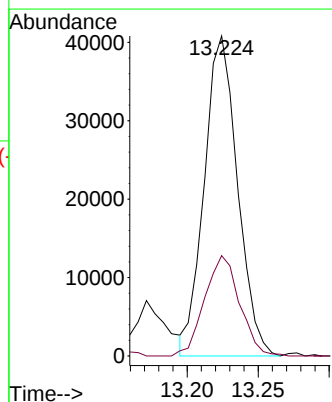
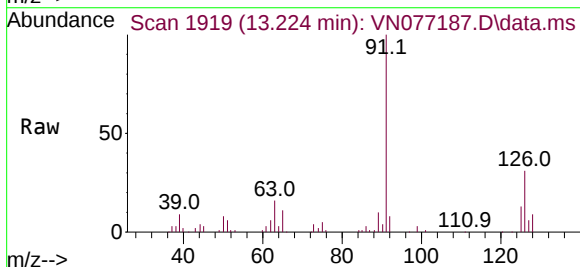
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

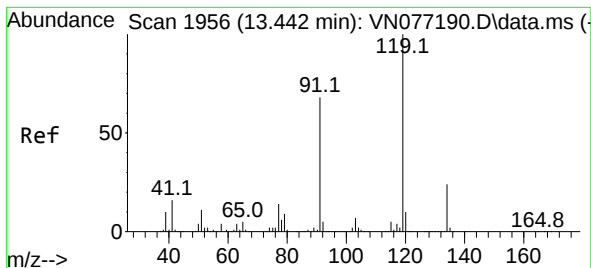
Tgt Ion: 75 Resp: 8015  
Ion Ratio Lower Upper  
75 100  
53 140.7 84.8 127.2#  
89 44.8 33.8 50.6



#82  
4-Chlorotoluene  
Concen: 5.015 ug/l  
RT: 13.224 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 91 Resp: 66575  
Ion Ratio Lower Upper  
91 100  
126 33.0 16.6 49.7





#83

tert-Butylbenzene

Concen: 4.991 ug/l

RT: 13.436 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

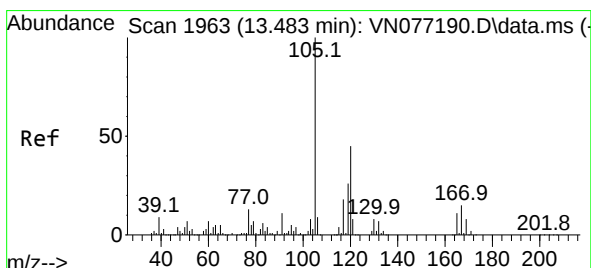
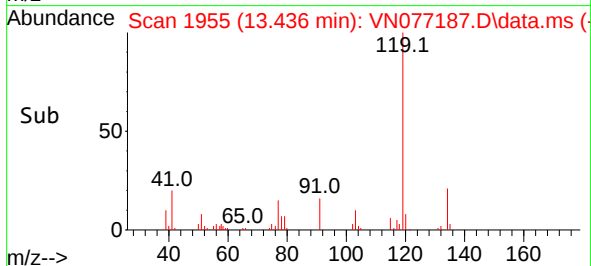
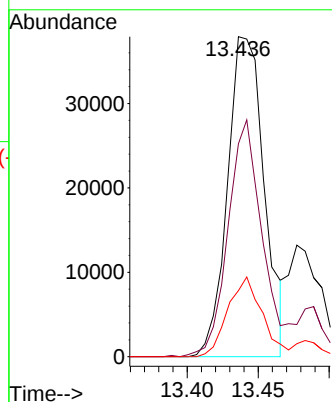
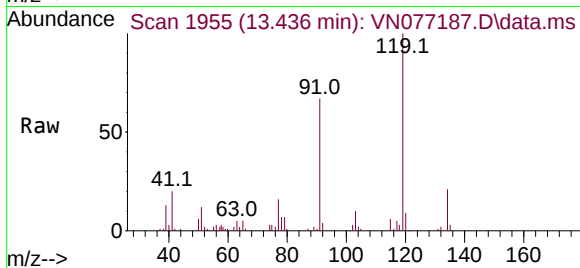
Tgt Ion:119 Resp: 68320

Ion Ratio Lower Upper

119 100

91 71.3 33.0 99.0

134 23.3 13.2 39.5



#84

1,2,4-Trimethylbenzene

Concen: 4.921 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VN077187.D

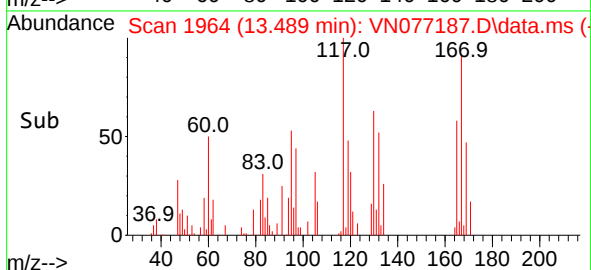
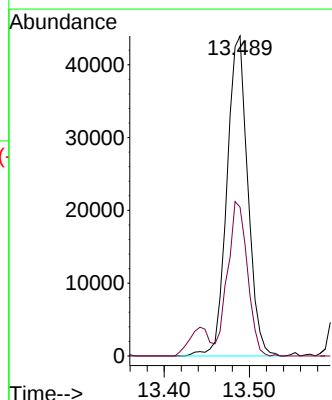
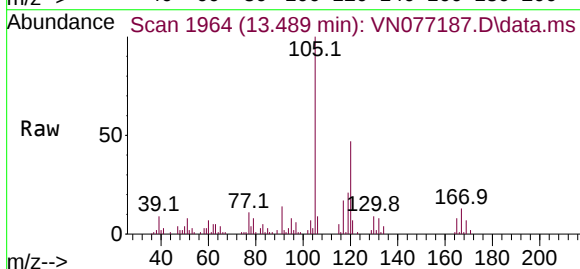
Acq: 24 Mar 2023 20:54

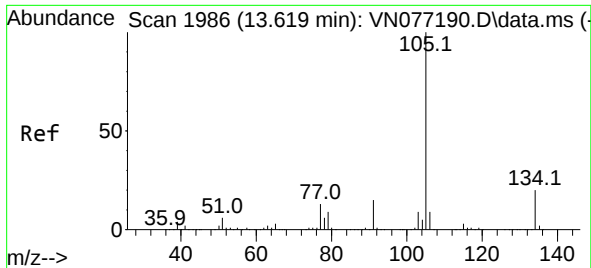
Tgt Ion:105 Resp: 74769

Ion Ratio Lower Upper

105 100

120 45.6 22.6 67.8

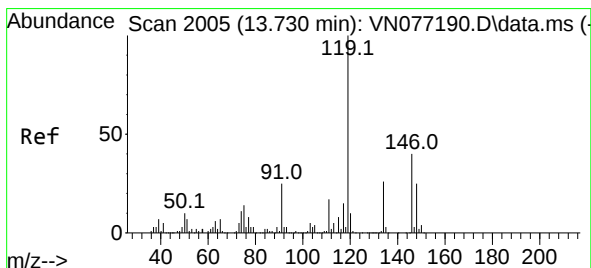
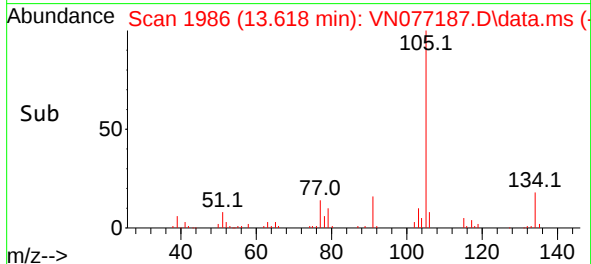
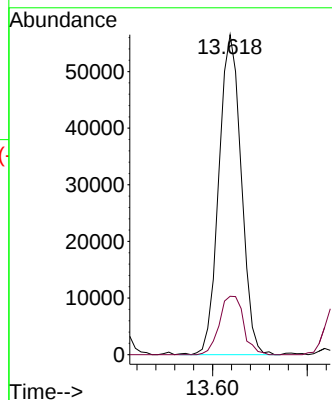
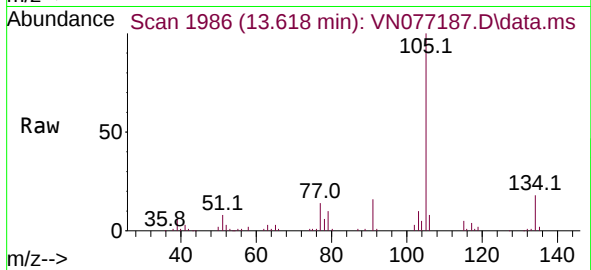




#85  
 sec-Butylbenzene  
 Concen: 4.930 ug/l  
 RT: 13.618 min Scan# 1986  
 Delta R.T. -0.001 min  
 Lab File: VN077187.D  
 Acq: 24 Mar 2023 20:54

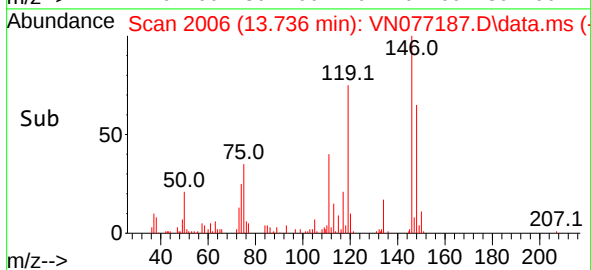
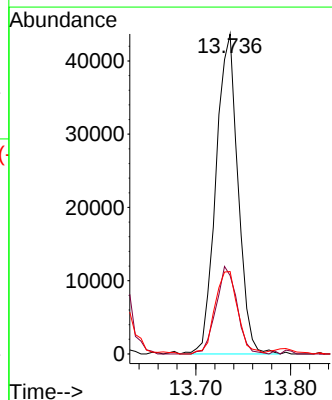
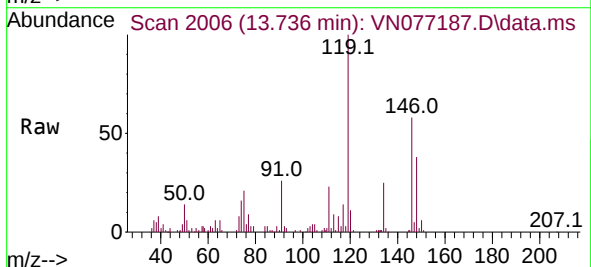
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005

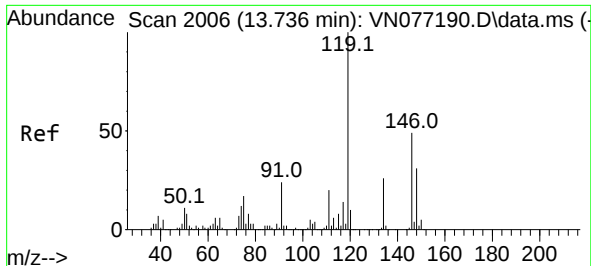
Tgt Ion:105 Resp: 92793  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.8 29.5



#86  
 p-Isopropyltoluene  
 Concen: 6.248 ug/l  
 RT: 13.736 min Scan# 2006  
 Delta R.T. 0.006 min  
 Lab File: VN077187.D  
 Acq: 24 Mar 2023 20:54

Tgt Ion:119 Resp: 70529  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 13.1 39.3  
 91 26.8 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 5.005 ug/l

RT: 13.736 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

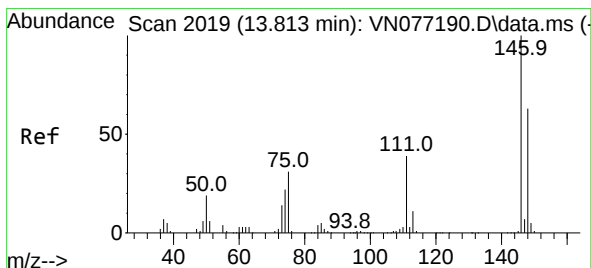
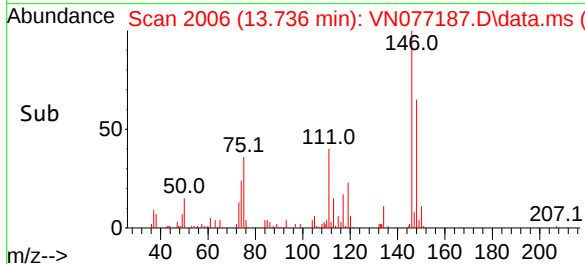
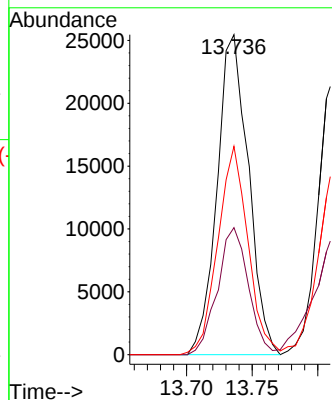
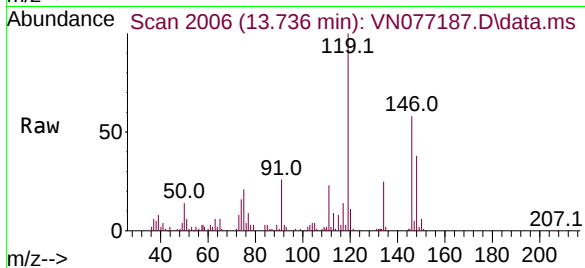
Tgt Ion:146 Resp: 42265

Ion Ratio Lower Upper

146 100

111 39.1 20.9 62.7

148 62.7 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 4.976 ug/l

RT: 13.818 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

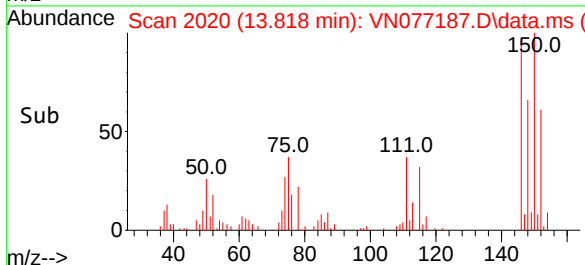
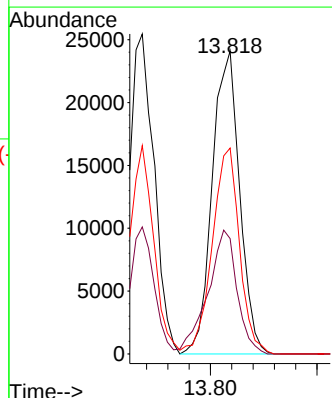
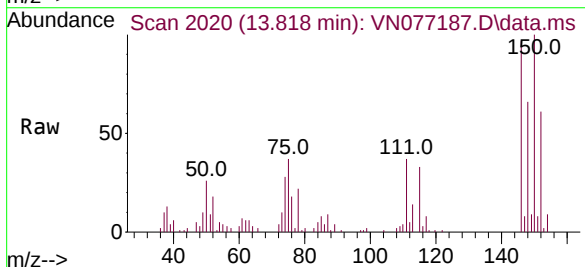
Tgt Ion:146 Resp: 42899

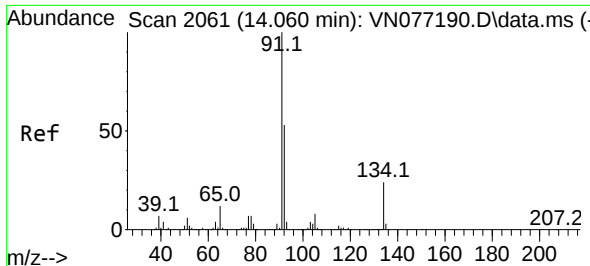
Ion Ratio Lower Upper

146 100

111 43.9 20.2 60.6

148 67.8 32.0 96.0

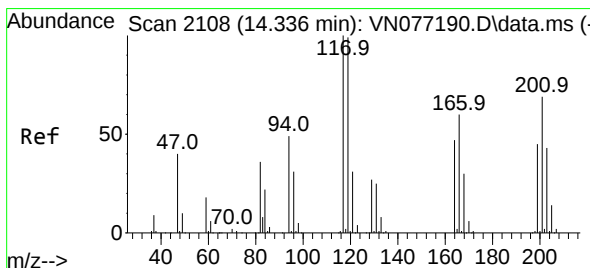
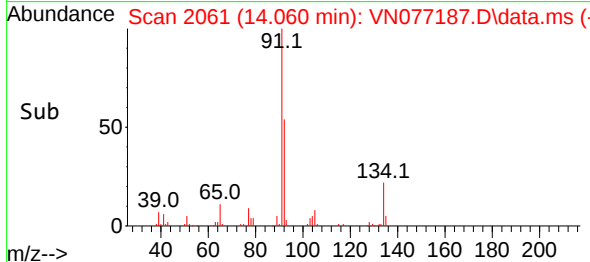
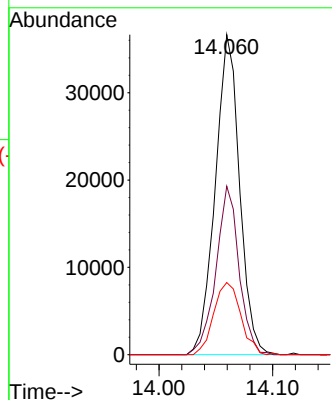
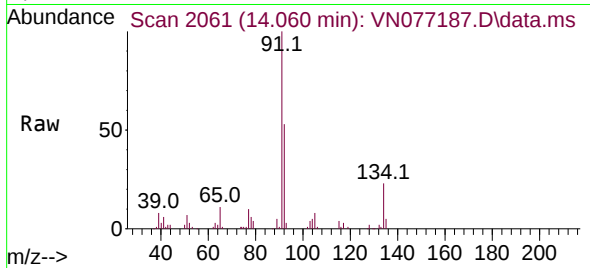




#89  
n-Butylbenzene  
Concen: 6.277 ug/l  
RT: 14.060 min Scan# 2061  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

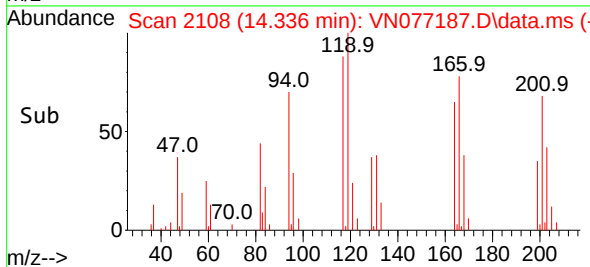
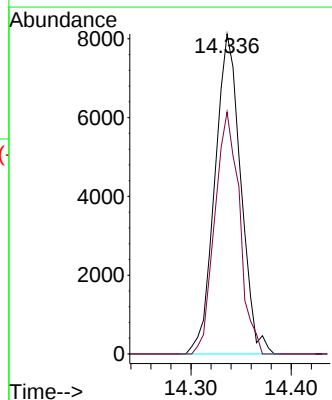
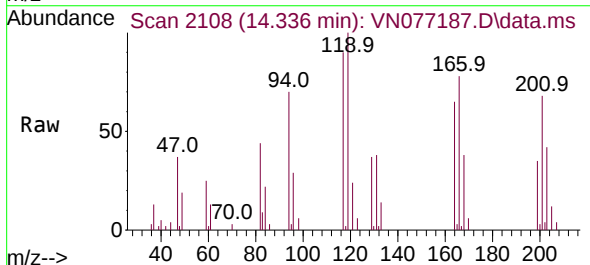
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

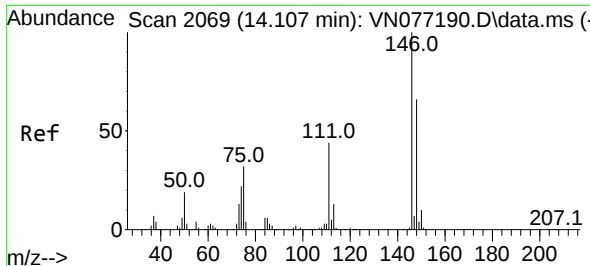
Tgt Ion: 91 Resp: 54523  
Ion Ratio Lower Upper  
91 100  
92 50.0 26.4 79.0  
134 25.1 12.1 36.3



#90  
Hexachloroethane  
Concen: 4.839 ug/l  
RT: 14.336 min Scan# 2108  
Delta R.T. -0.000 min  
Lab File: VN077187.D  
Acq: 24 Mar 2023 20:54

Tgt Ion: 117 Resp: 14554  
Ion Ratio Lower Upper  
117 100  
201 72.0 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 5.187 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC005

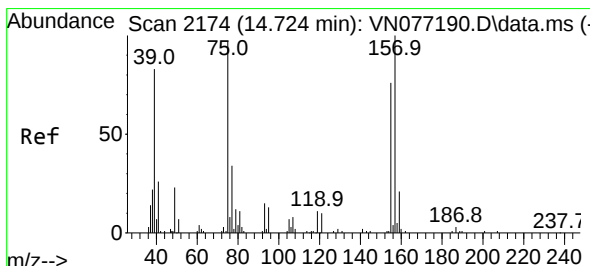
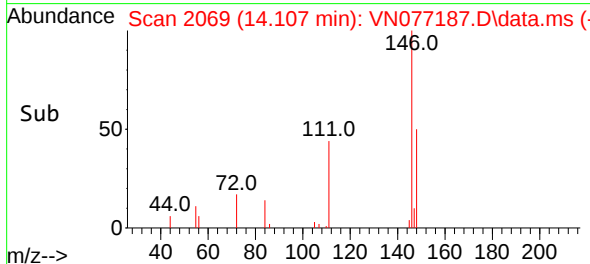
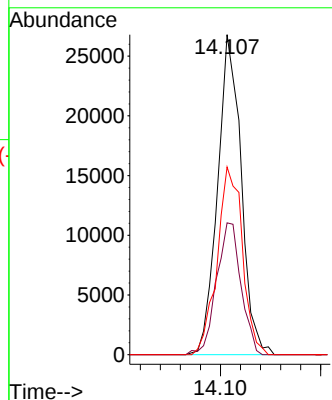
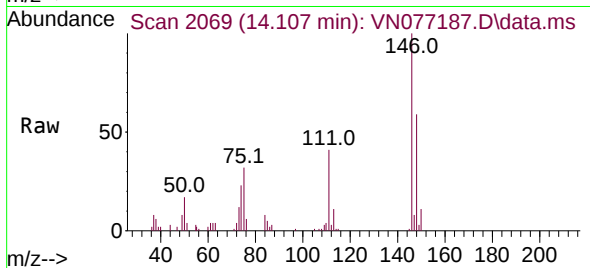
Tgt Ion:146 Resp: 43629

Ion Ratio Lower Upper

146 100

111 43.0 21.6 65.0

148 62.8 32.4 97.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.044 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

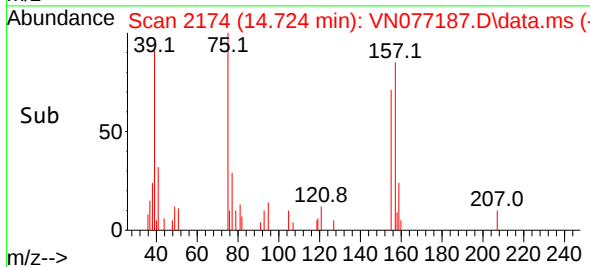
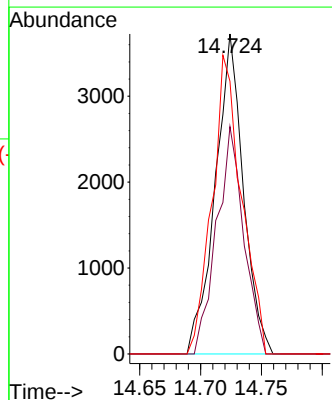
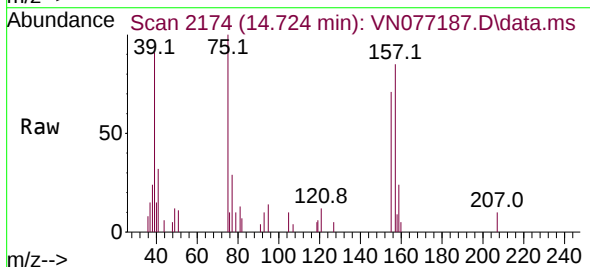
Tgt Ion: 75 Resp: 5982

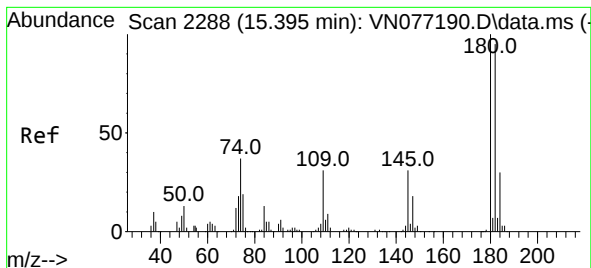
Ion Ratio Lower Upper

75 100

155 68.4 38.9 116.6

157 97.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 6.267 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

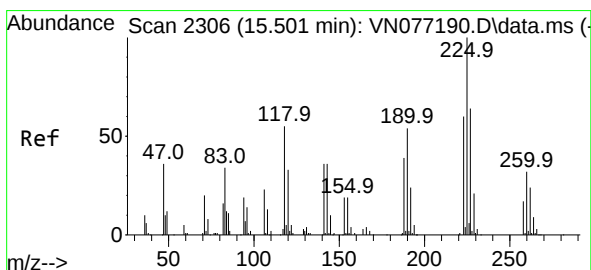
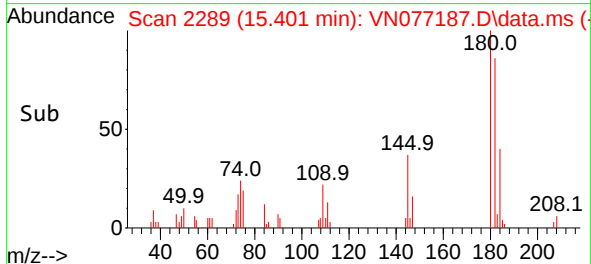
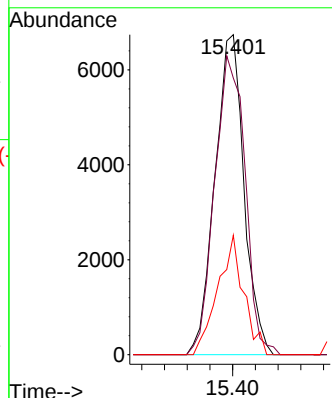
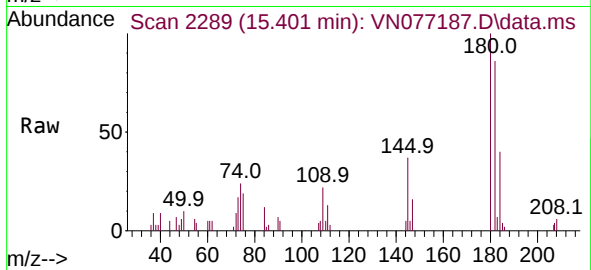
Tgt Ion:180 Resp: 11970

Ion Ratio Lower Upper

180 100

182 97.9 47.8 143.3

145 33.4 15.5 46.5



#94

Hexachlorobutadiene

Concen: 5.476 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

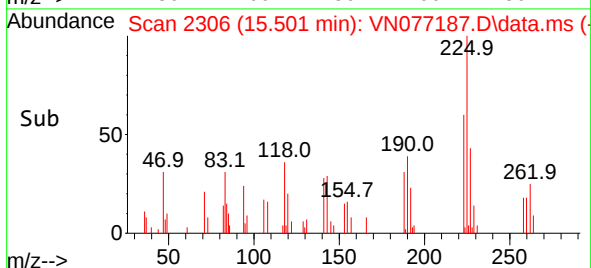
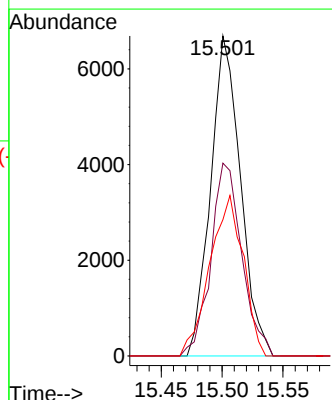
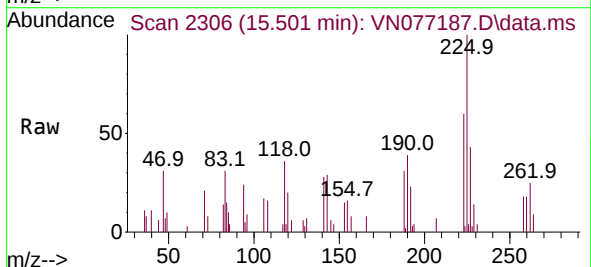
Tgt Ion:225 Resp: 11424

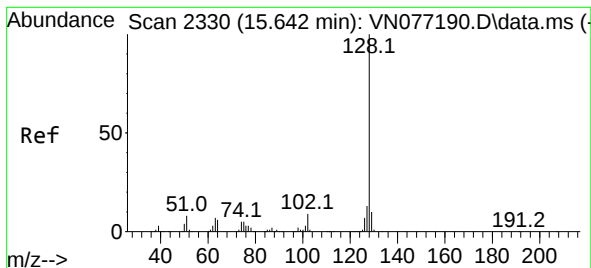
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.3

227 56.1 31.1 93.2





#95

Naphthalene

Concen: 6.094 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

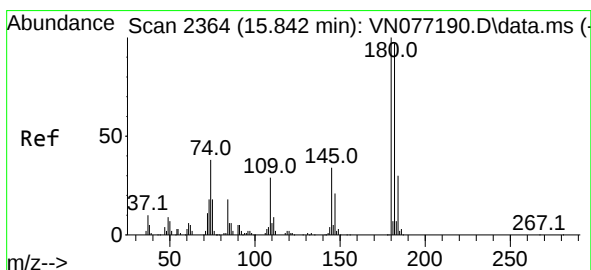
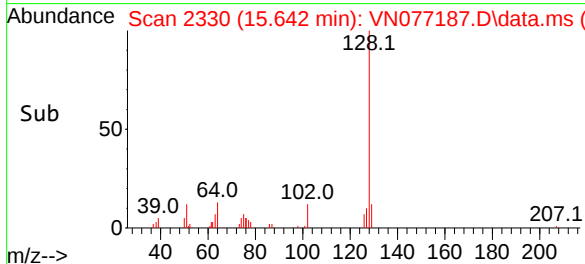
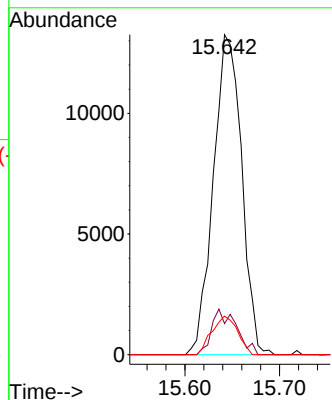
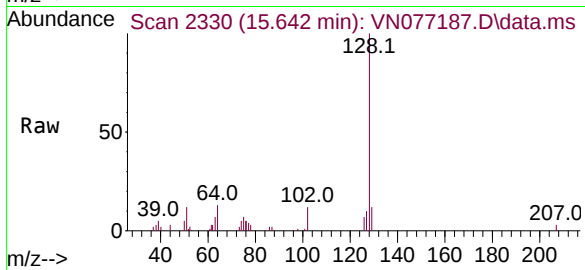
Tgt Ion:128 Resp: 27495

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 11.0 8.2 12.2



#96

1,2,3-Trichlorobenzene

Concen: 5.973 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: VN077187.D

Acq: 24 Mar 2023 20:54

Tgt Ion:180 Resp: 10679

Ion Ratio Lower Upper

180 100

182 99.1 48.3 144.8

145 40.3 16.9 50.6

