

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050923\  
 Data File : VN077634.D  
 Acq On : 09 May 2023 16:06  
 Operator : JC\MD  
 Sample : PB152652TB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB152652TB

Quant Time: May 10 04:46:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050923W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 09 13:52:31 2023  
 Response via : Initial Calibration

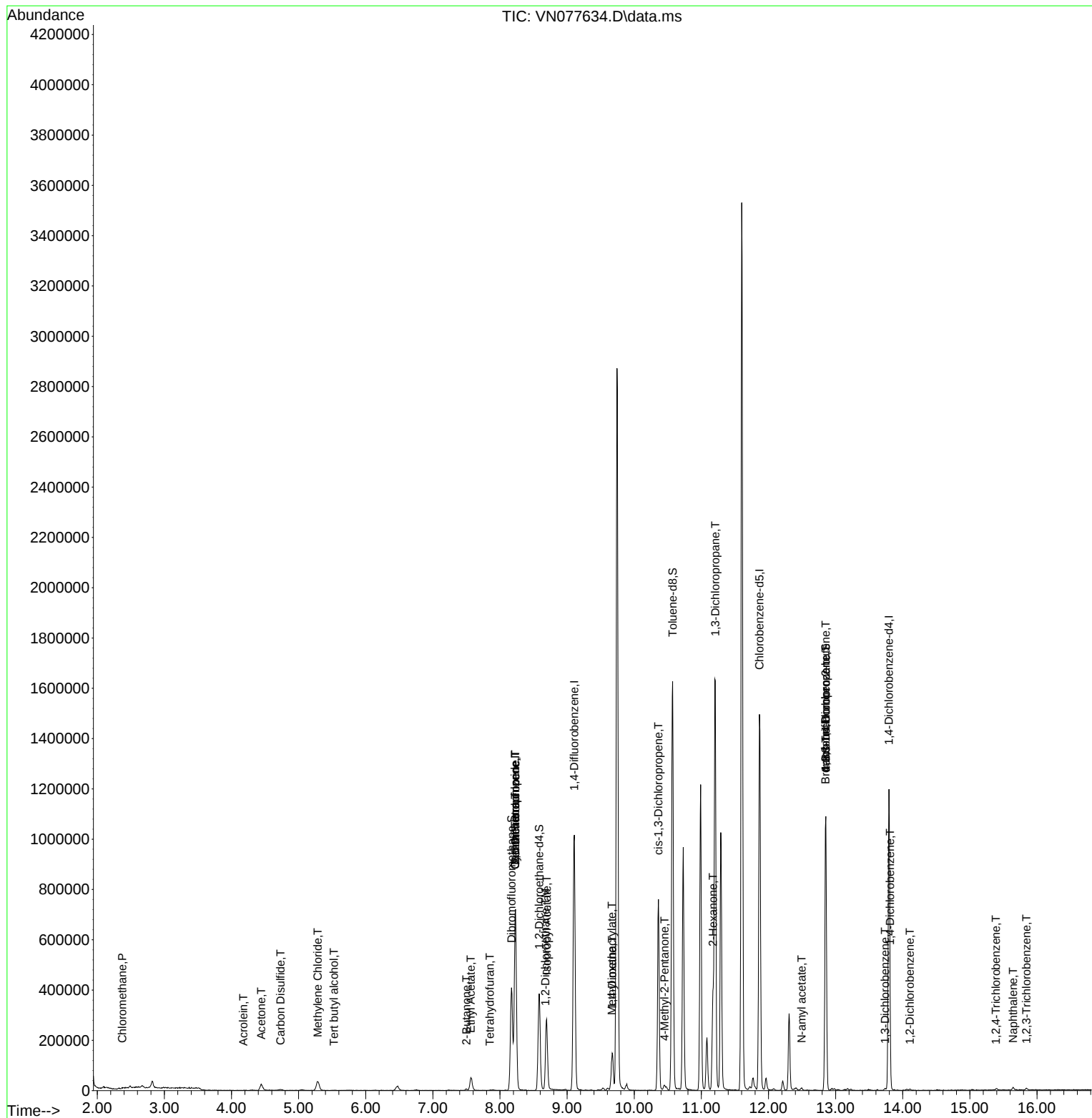
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) Pentafluorobenzene         | 8.231          | 168  | 533641     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.107          | 114  | 963316     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.866         | 117  | 946633     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.795         | 152  | 330353     | 50.000   | ug/l   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.583          | 65   | 329082     | 48.625   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 97.240%  |        |          |
| 35) Dibromofluoromethane      | 8.172          | 113  | 295666     | 49.212   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 98.420%  |        |          |
| 50) Toluene-d8                | 10.572         | 98   | 1196134    | 52.586   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 105.180% |        |          |
| 62) 4-Bromofluorobenzene      | 12.854         | 95   | 400883     | 52.108   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 104.220% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 3) Chloromethane              | 2.372          | 50   | 2024       | 0.376    | ug/l # | 75       |
| 11) Tert butyl alcohol        | 5.525          | 59   | 1198       | 1.505    | ug/l # | 72       |
| 13) Acrolein                  | 4.178          | 56   | 277        | 0.359    | ug/l # | 43       |
| 16) Acetone                   | 4.443          | 43   | 41780      | 25.996   | ug/l   | 96       |
| 17) Carbon Disulfide          | 4.731          | 76   | 2578       | 0.202    | ug/l # | 75       |
| 20) Methylene Chloride        | 5.284          | 84   | 31802      | 4.775    | ug/l # | 89       |
| 25) 2-Butanone                | 7.501          | 43   | 5900       | 2.512    | ug/l # | 84       |
| 29) Tetrahydrofuran           | 7.848          | 42   | 1214       | 0.841    | ug/l # | 39       |
| 31) Cyclohexane               | 8.225          | 56   | 10901      | 1.260    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 8.231          | 75   | 42278      | 5.099    | ug/l # | 48       |
| 37) Ethyl Acetate             | 7.566          | 43   | 69869      | 14.738   | ug/l   | 96       |
| 38) Carbon Tetrachloride      | 8.225          | 117  | 58013      | 6.405    | ug/l # | 15       |
| 42) 1,2-Dichloroethane        | 8.678          | 62   | 2771       | 0.329    | ug/l # | 73       |
| 43) Isopropyl Acetate         | 8.695          | 43   | 303965     | 36.569   | ug/l # | 92       |
| 48) Methyl methacrylate       | 9.666          | 41   | 7640       | 1.958    | ug/l # | 33       |
| 49) 1,4-Dioxane               | 9.672          | 88   | 78         | 0.672    | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.454         | 43   | 11815      | 2.416    | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.360         | 75   | 161004     | 16.576   | ug/l # | 61       |
| 57) 1,3-Dichloropropane       | 11.207         | 76   | 21438      | 2.062    | ug/l # | 43       |
| 59) 2-Hexanone                | 11.172         | 43   | 271628     | 78.593   | ug/l # | 19       |
| 71) Bromoform                 | 12.848         | 173  | 1386       | 0.326    | ug/l # | 1        |
| 74) N-amyl acetate            | 12.495         | 43   | 4650       | 0.715    | ug/l # | 49       |
| 76) 1,2,3-Trichloropropane    | 12.854         | 75   | 204493     | 29.996   | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.854         | 75   | 204493     | 95.511   | ug/l # | 15       |
| 87) 1,3-Dichlorobenzene       | 13.736         | 146  | 2317       | 0.204    | ug/l # | 79       |
| 88) 1,4-Dichlorobenzene       | 13.813         | 146  | 4778       | 0.424    | ug/l # | 60       |
| 91) 1,2-Dichlorobenzene       | 14.107         | 146  | 2919       | 0.259    | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 15.389         | 180  | 2058       | 4.969    | ug/l # | 64       |
| 95) Naphthalene               | 15.642         | 128  | 10961      | 5.333    | ug/l # | 95       |
| 96) 1,2,3-Trichlorobenzene    | 15.842         | 180  | 2935       | 5.095    | ug/l   | 85       |
| -----                         |                |      |            |          |        |          |

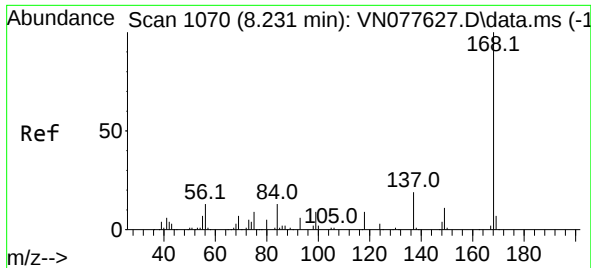
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050923\  
Data File : VN077634.D  
Acq On : 09 May 2023 16:06  
Operator : JC\MD  
Sample : PB152652TB  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152652TB

Quant Time: May 10 04:46:31 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050923W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 09 13:52:31 2023  
Response via : Initial Calibration

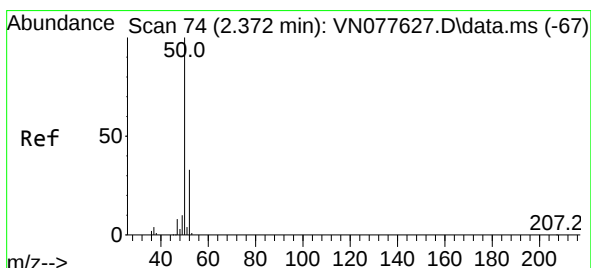
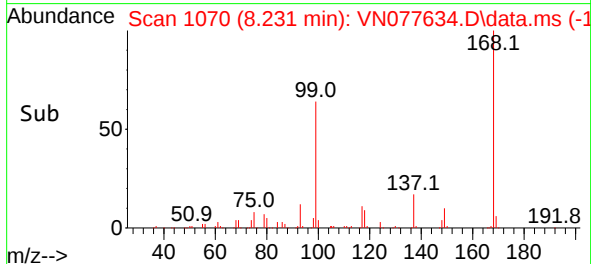
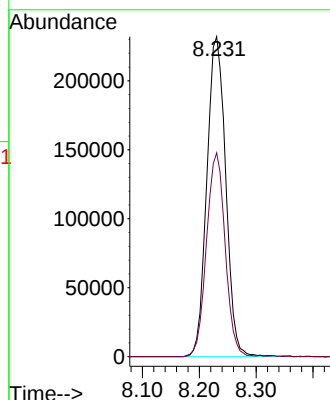
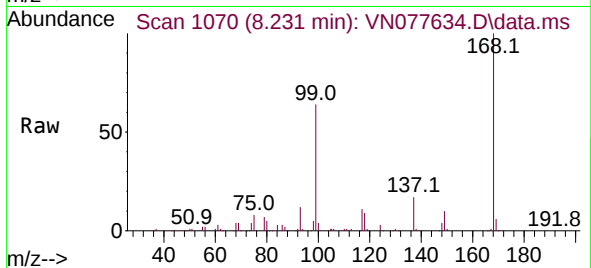




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.231 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

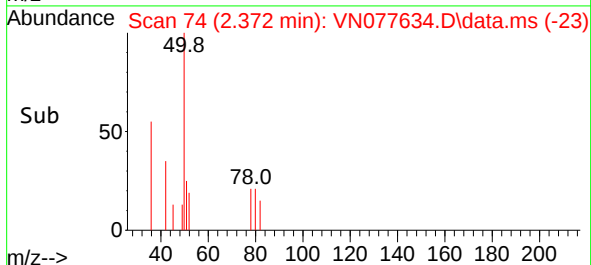
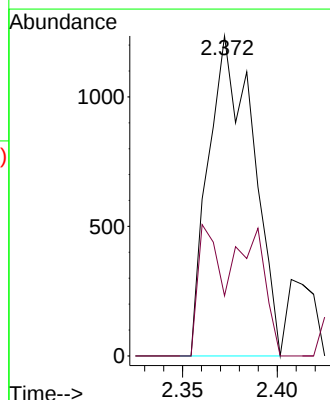
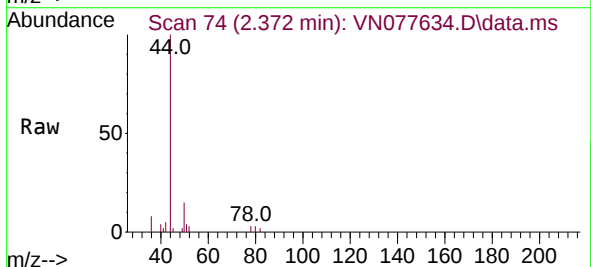
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152652TB

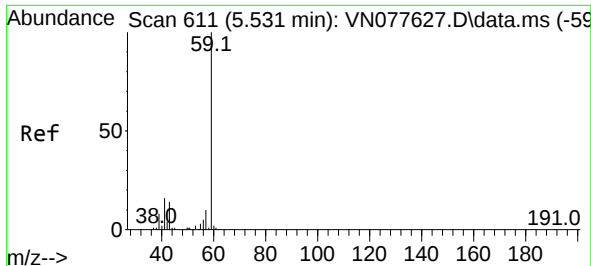
Tgt Ion:168 Resp: 533641  
Ion Ratio Lower Upper  
168 100  
99 63.7 53.0 79.6



#3  
Chloromethane  
Concen: 0.376 ug/l  
RT: 2.372 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

Tgt Ion: 50 Resp: 2024  
Ion Ratio Lower Upper  
50 100  
52 18.8 26.5 39.7#

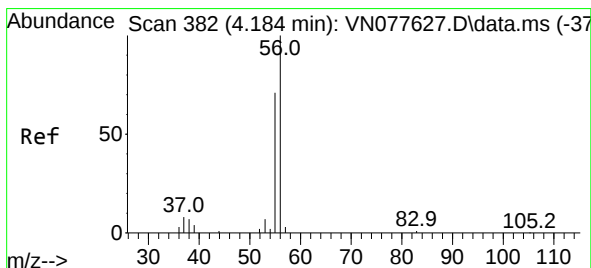
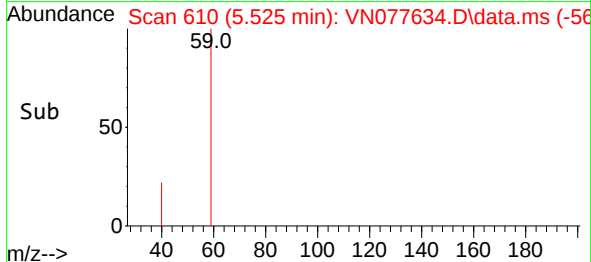
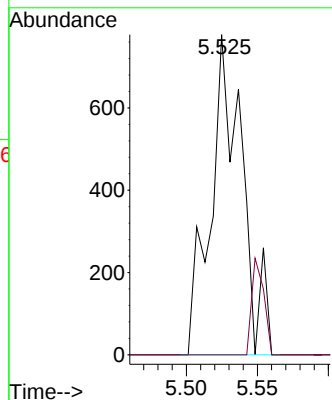
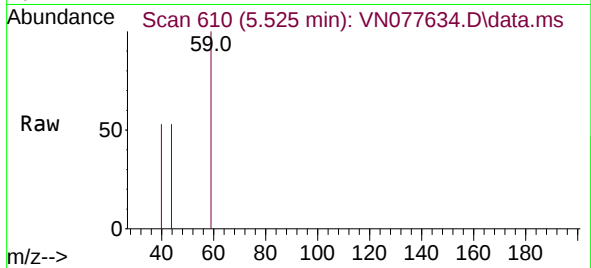




#11  
Tert butyl alcohol  
Concen: 1.505 ug/l  
RT: 5.525 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

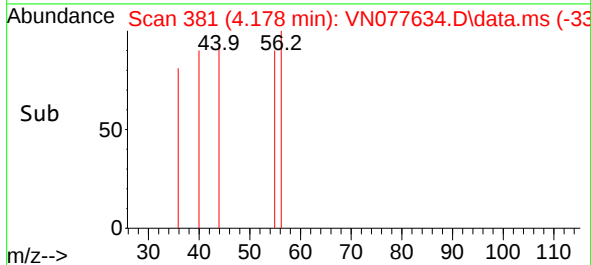
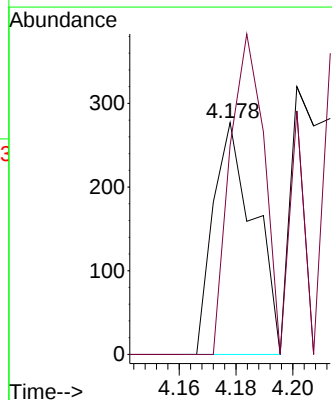
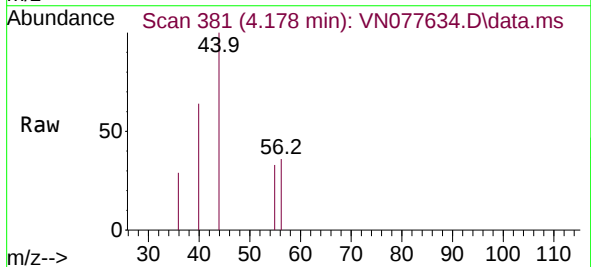
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152652TB

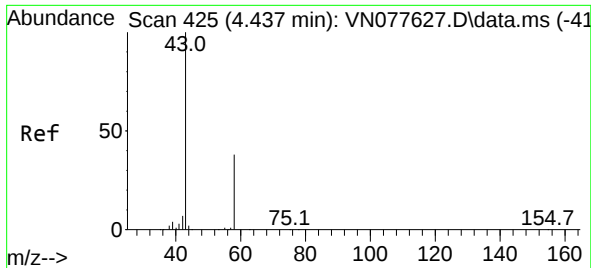
Tgt Ion: 59 Resp: 1198  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#13  
Acrolein  
Concen: 0.359 ug/l  
RT: 4.178 min Scan# 381  
Delta R.T. -0.006 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

Tgt Ion: 56 Resp: 277  
Ion Ratio Lower Upper  
56 100  
55 114.4 54.5 81.7#





#16

Acetone

Concen: 25.996 ug/l

RT: 4.443 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

Instrument :

MSVOA\_N

ClientSampleId :

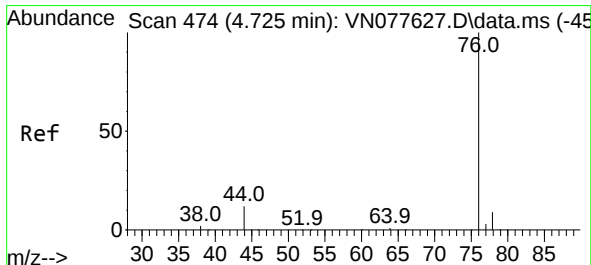
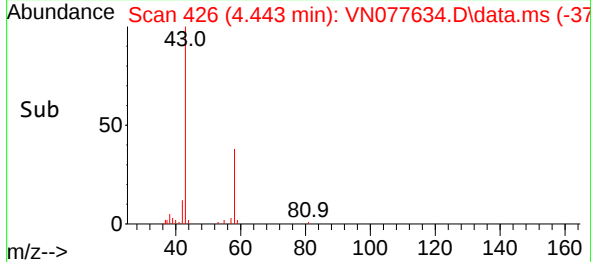
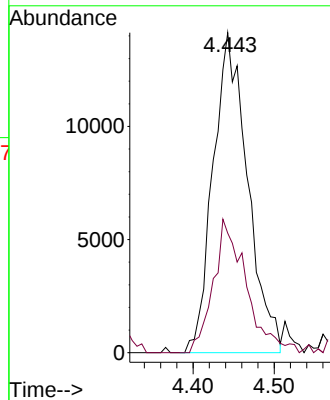
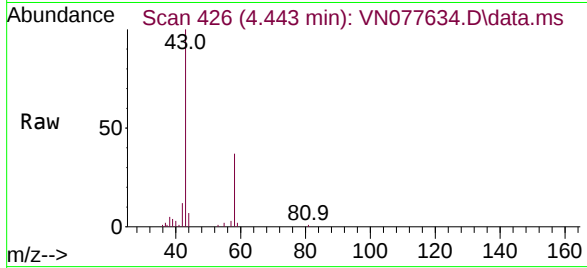
PB152652TB

Tgt Ion: 43 Resp: 41780

Ion Ratio Lower Upper

43 100

58 37.3 28.0 42.0



#17

Carbon Disulfide

Concen: 0.202 ug/l

RT: 4.731 min Scan# 475

Delta R.T. 0.006 min

Lab File: VN077634.D

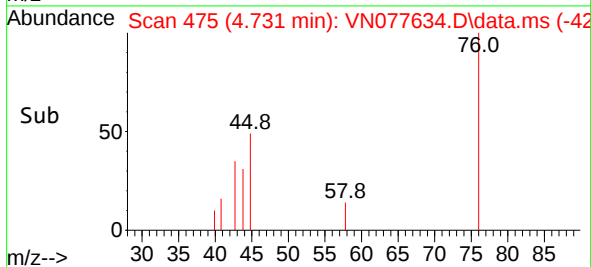
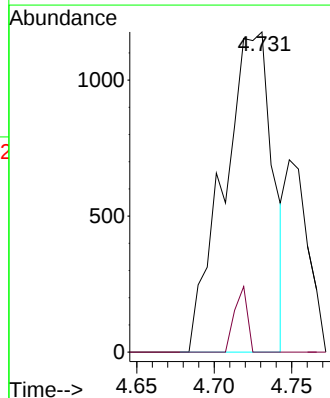
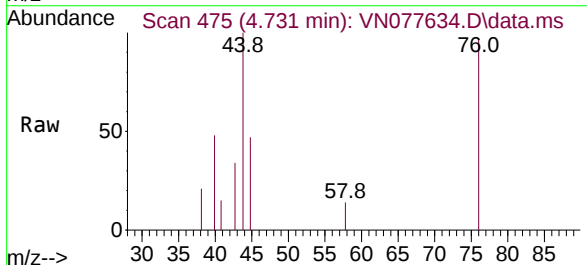
Acq: 09 May 2023 16:06

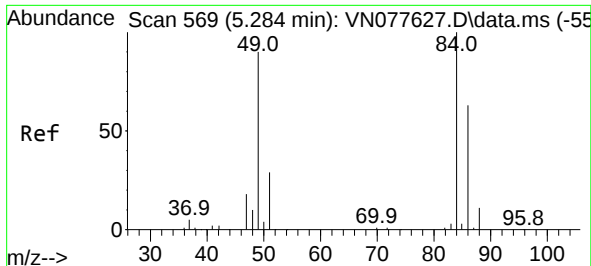
Tgt Ion: 76 Resp: 2578

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

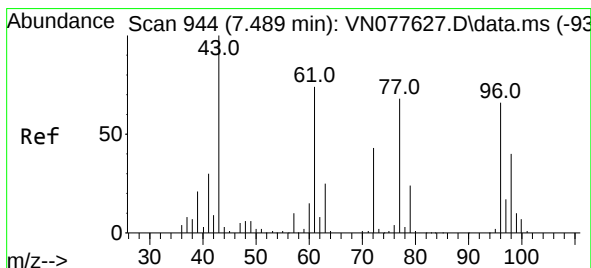
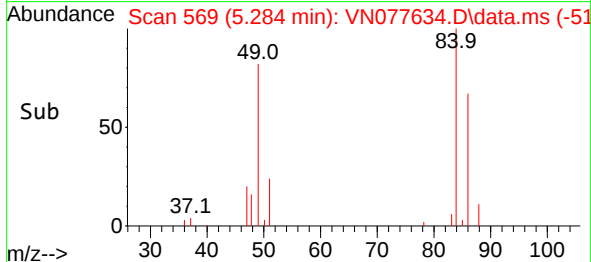
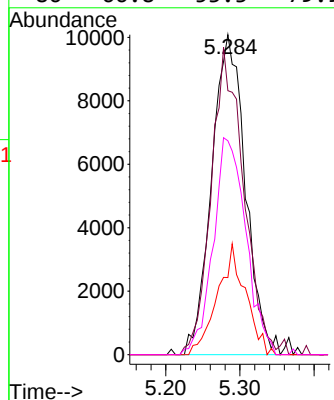
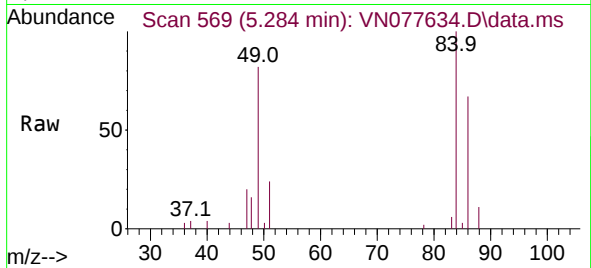




#20  
Methylene Chloride  
Concen: 4.775 ug/l  
RT: 5.284 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

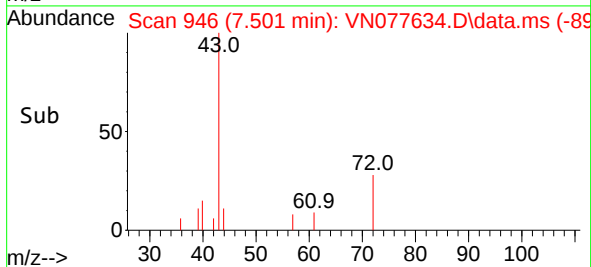
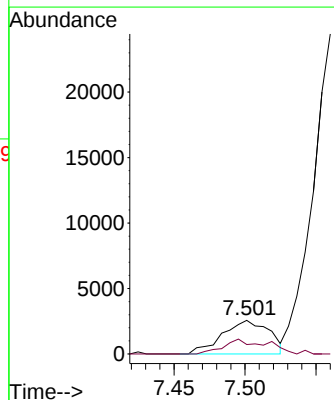
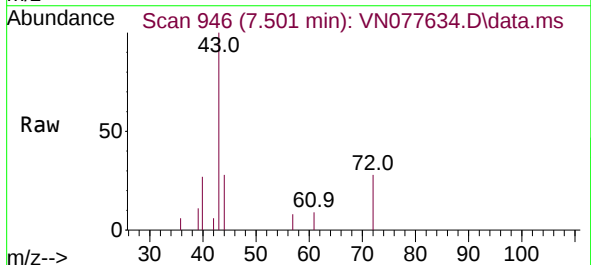
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152652TB

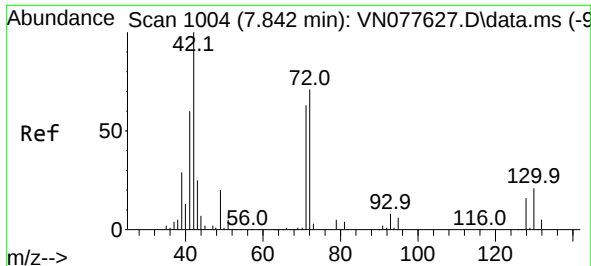
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 31802 |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 82.5     | 79.7 119.5  |
| 51 24.1     | 25.2 37.8#  |
| 86 66.8     | 53.3 79.9   |



#25  
2-Butanone  
Concen: 2.512 ug/l  
RT: 7.501 min Scan# 946  
Delta R.T. 0.012 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

|             |            |       |  |
|-------------|------------|-------|--|
| Tgt Ion: 43 | Resp: 5900 |       |  |
| Ion Ratio   | Lower      | Upper |  |
| 43 100      |            |       |  |
| 72 28.0     | 30.2       | 45.2# |  |





#29

Tetrahydrofuran

Concen: 0.841 ug/l

RT: 7.848 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

Instrument :

MSVOA\_N

ClientSampleId :

PB152652TB

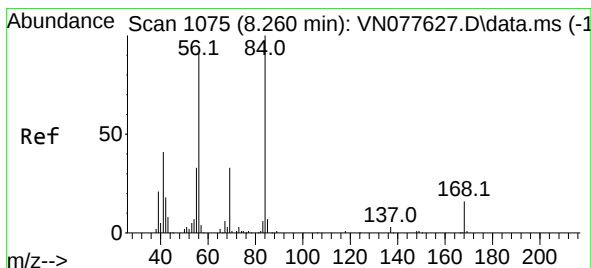
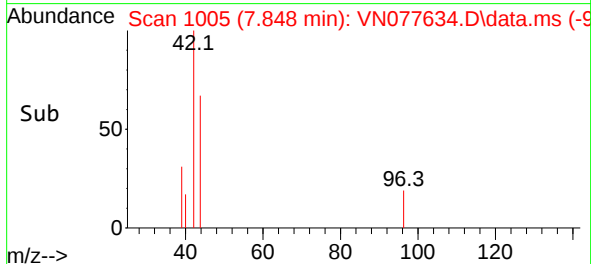
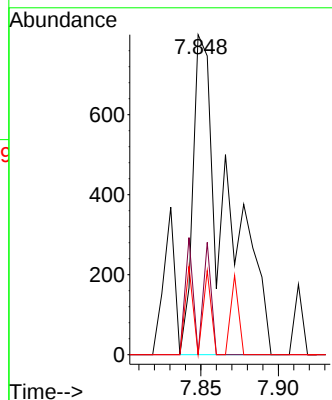
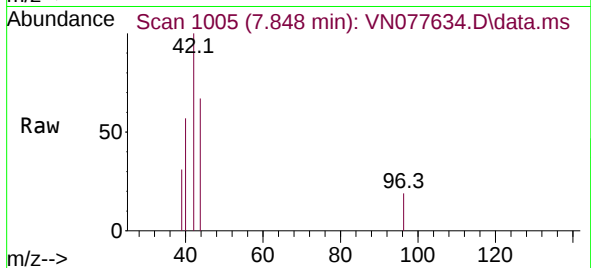
Tgt Ion: 42 Resp: 1214

Ion Ratio Lower Upper

42 100

72 16.7 49.8 74.6#

71 12.5 47.4 71.2#



#31

Cyclohexane

Concen: 1.260 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.035 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

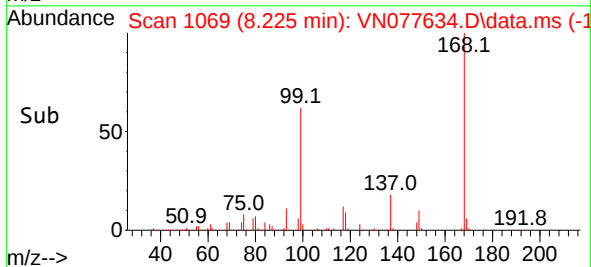
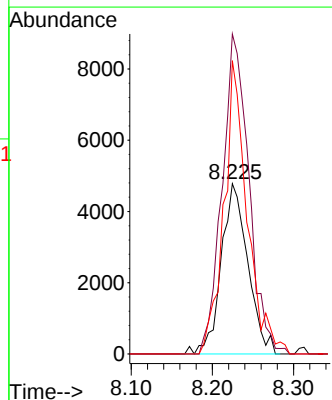
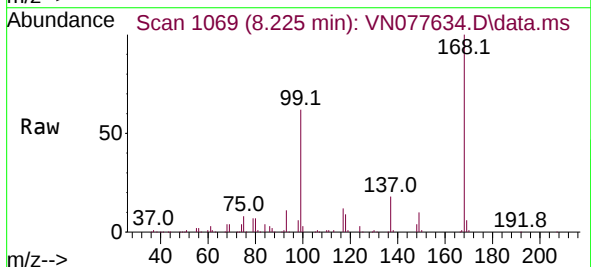
Tgt Ion: 56 Resp: 10901

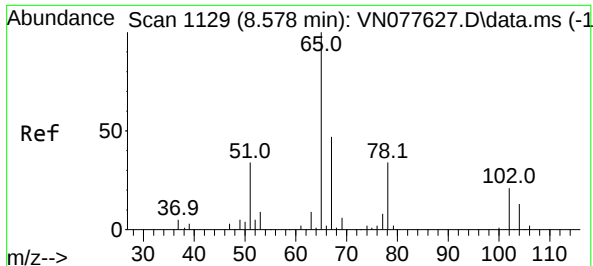
Ion Ratio Lower Upper

56 100

69 188.0 26.8 40.2#

84 172.3 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 48.625 ug/l

RT: 8.583 min Scan# 1129

Delta R.T. 0.005 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

Instrument :

MSVOA\_N

ClientSampleId :

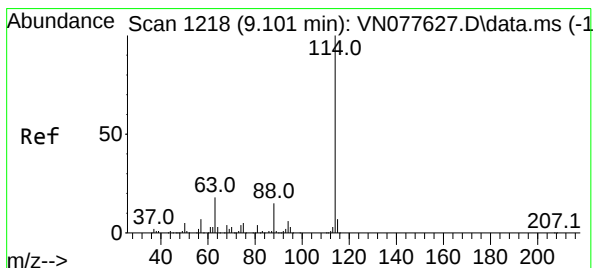
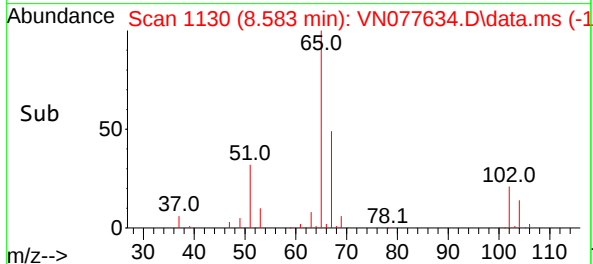
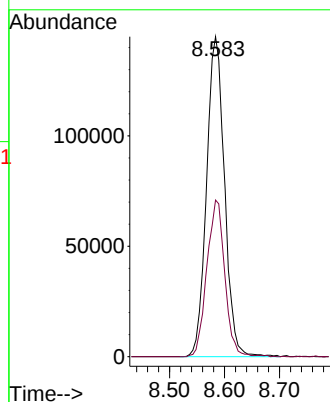
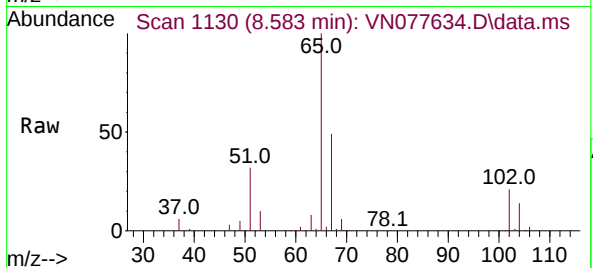
PB152652TB

Tgt Ion: 65 Resp: 329082

Ion Ratio Lower Upper

65 100

67 48.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

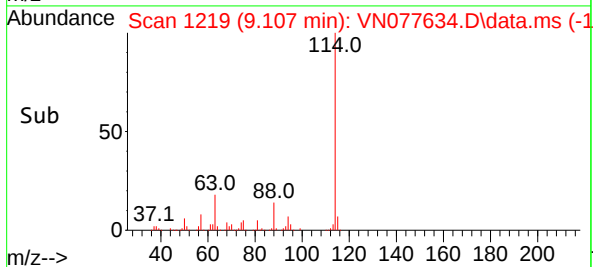
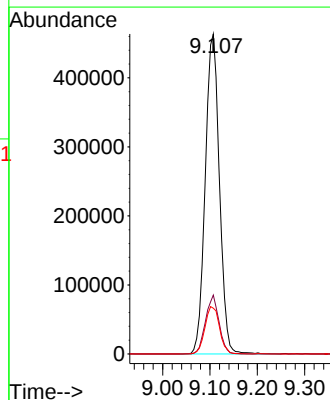
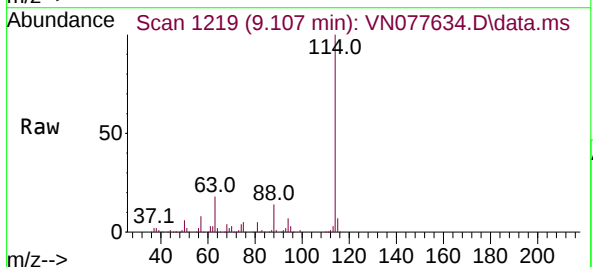
Tgt Ion: 114 Resp: 963316

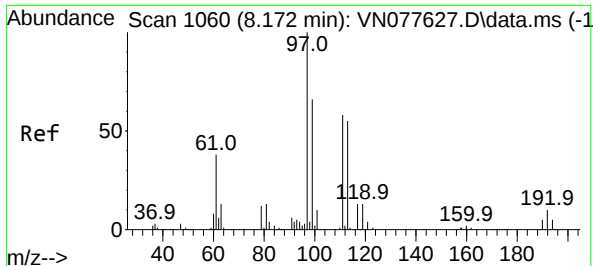
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.212 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

Instrument :

MSVOA\_N

ClientSampleId :

PB152652TB

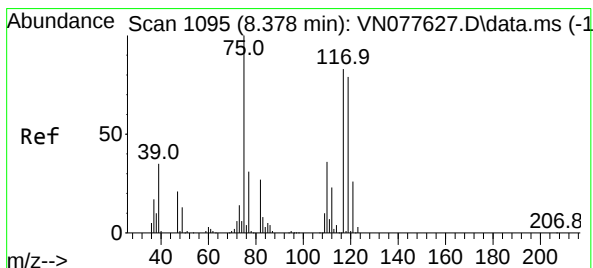
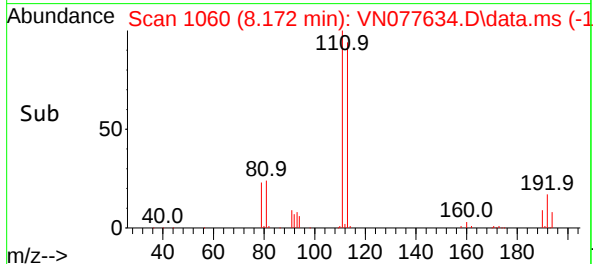
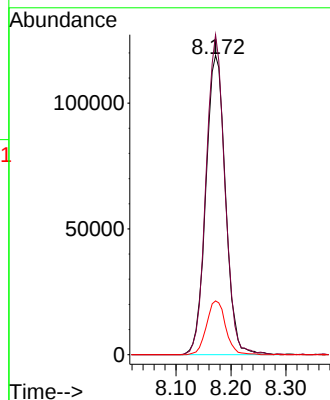
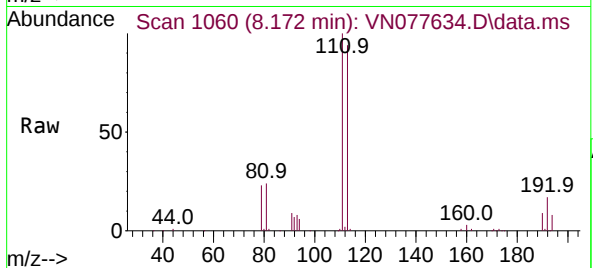
Tgt Ion:113 Resp: 295666

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 17.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 5.099 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

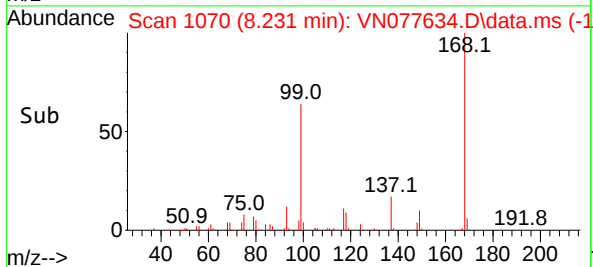
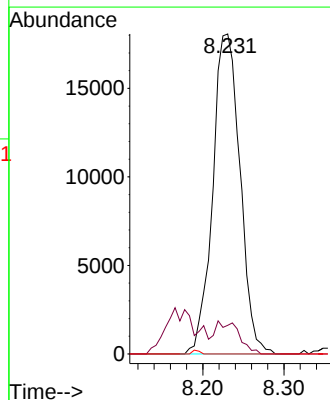
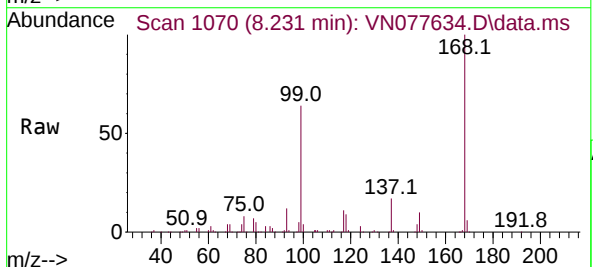
Tgt Ion: 75 Resp: 42278

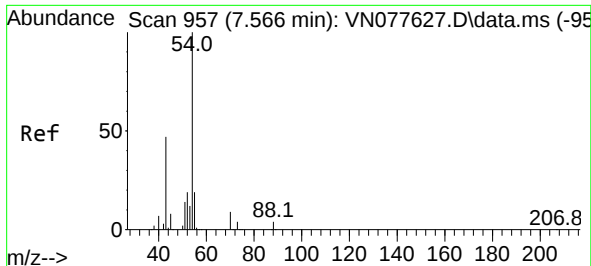
Ion Ratio Lower Upper

75 100

110 9.0 19.1 57.3#

77 0.0 25.0 37.4#

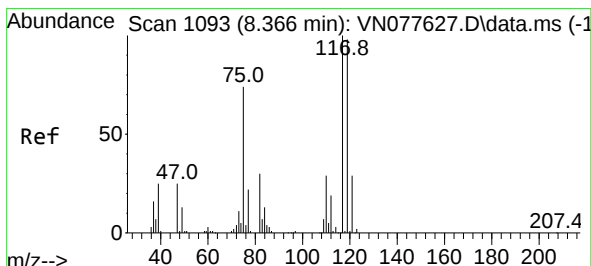
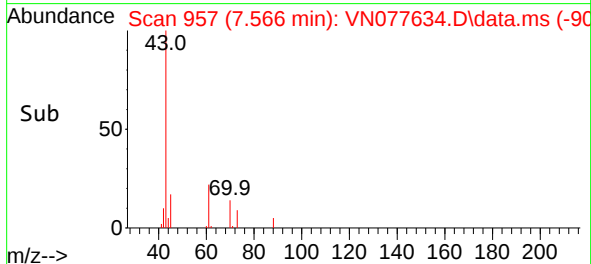
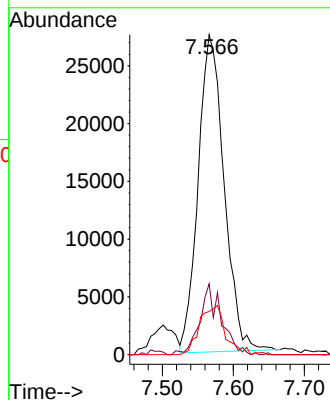
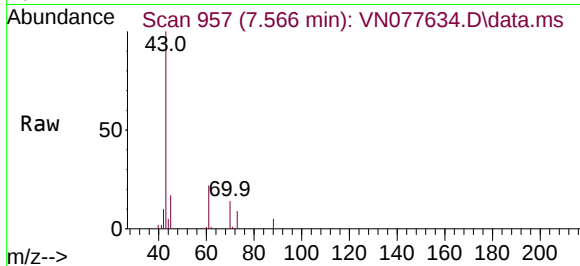




#37  
Ethyl Acetate  
Concen: 14.738 ug/l  
RT: 7.566 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

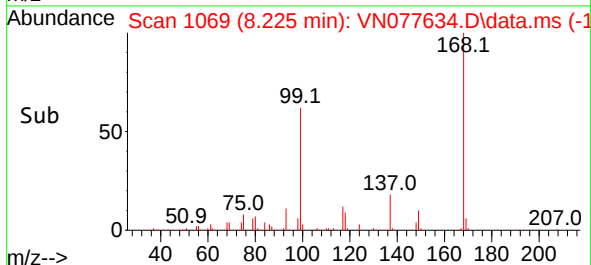
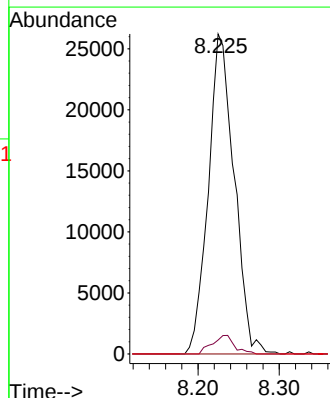
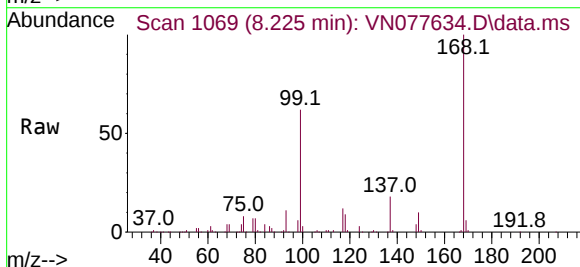
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152652TB

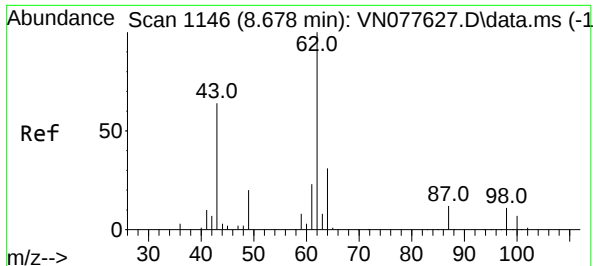
Tgt Ion: 43 Resp: 69869  
Ion Ratio Lower Upper  
43 100  
61 18.5 13.2 19.8  
70 15.4 11.3 16.9



#38  
Carbon Tetrachloride  
Concen: 6.405 ug/l  
RT: 8.225 min Scan# 1069  
Delta R.T. -0.141 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

Tgt Ion: 117 Resp: 58013  
Ion Ratio Lower Upper  
117 100  
119 4.3 77.3 115.9#  
121 0.0 23.3 34.9#

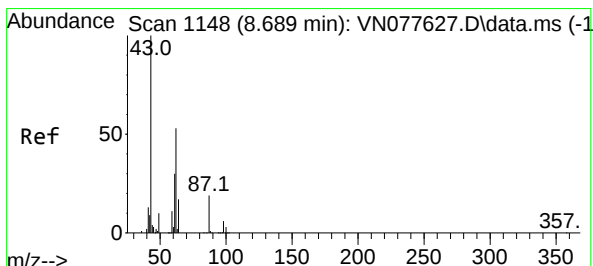
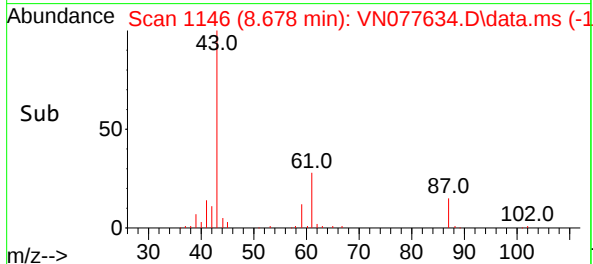
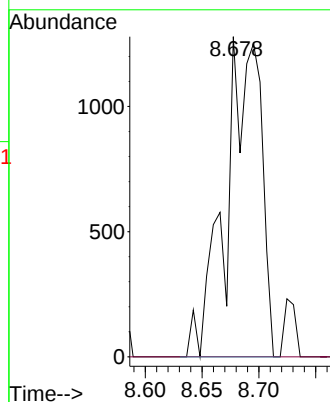
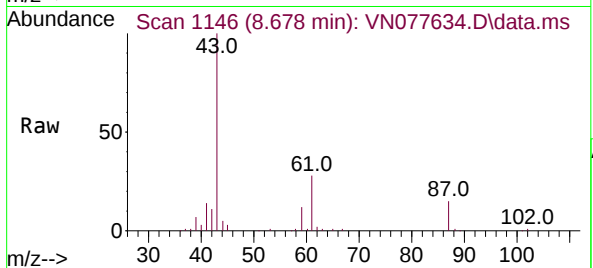




#42  
1,2-Dichloroethane  
Concen: 0.329 ug/l  
RT: 8.678 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

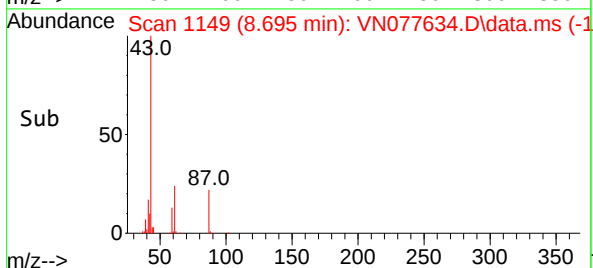
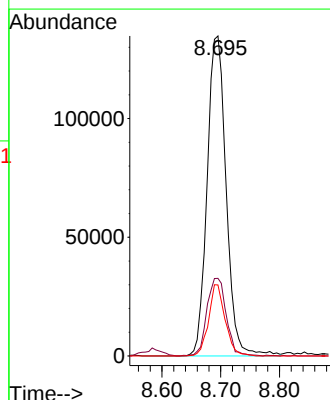
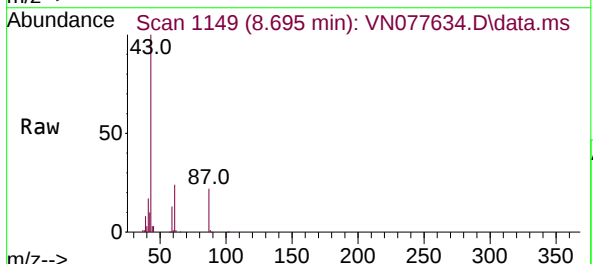
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152652TB

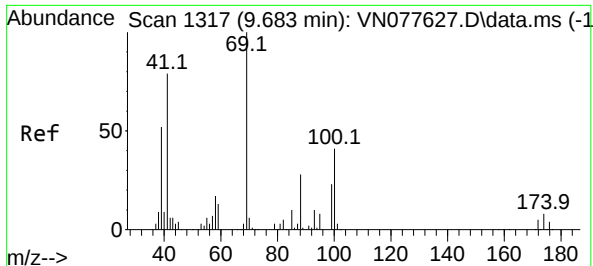
Tgt Ion: 62 Resp: 2771  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 19.8



#43  
Isopropyl Acetate  
Concen: 36.569 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. 0.006 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

Tgt Ion: 43 Resp: 303965  
Ion Ratio Lower Upper  
43 100  
61 24.6 24.7 37.1#  
87 19.4 14.6 21.8





#48

Methyl methacrylate

Concen: 1.958 ug/l

RT: 9.666 min Scan# 1314

Delta R.T. -0.017 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

Instrument :

MSVOA\_N

ClientSampleId :

PB152652TB

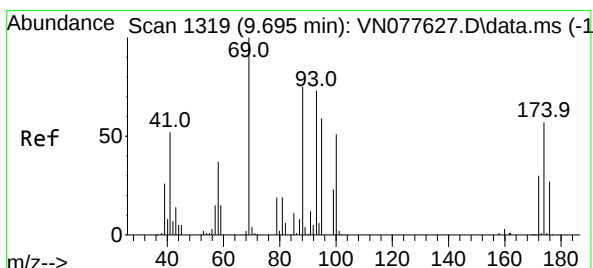
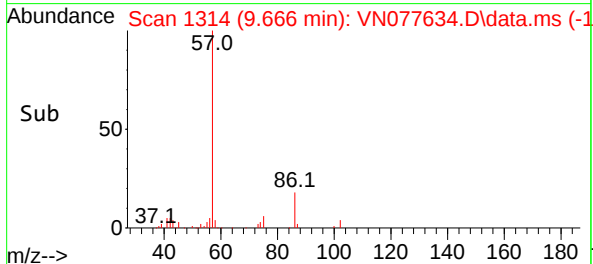
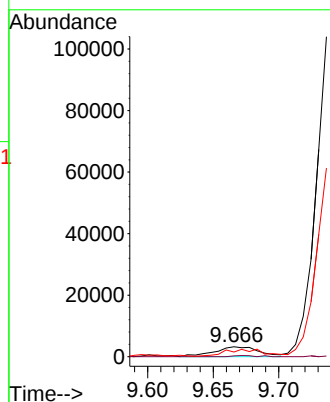
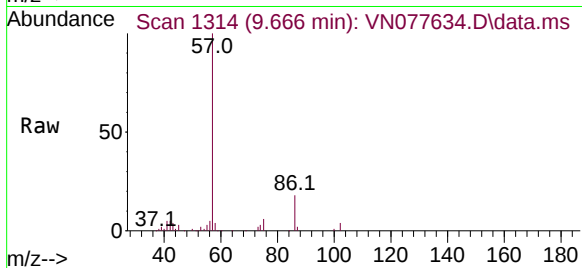
Tgt Ion: 41 Resp: 7640

Ion Ratio Lower Upper

41 100

69 6.1 90.4 135.6#

39 58.7 54.6 81.8



#49

1,4-Dioxane

Concen: 0.672 ug/l

RT: 9.672 min Scan# 1315

Delta R.T. -0.023 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

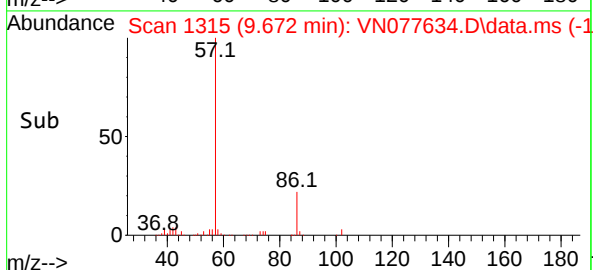
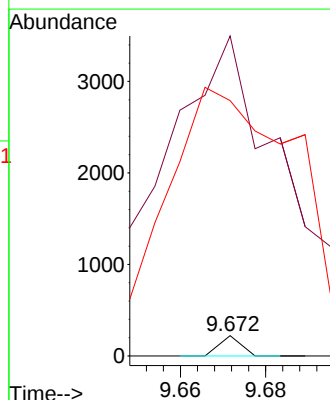
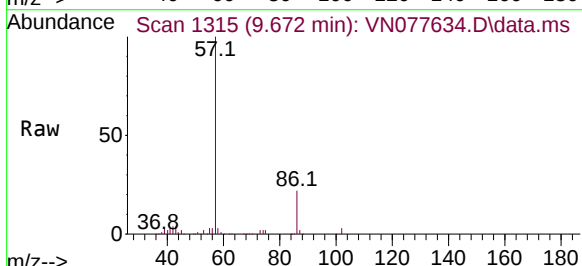
Tgt Ion: 88 Resp: 78

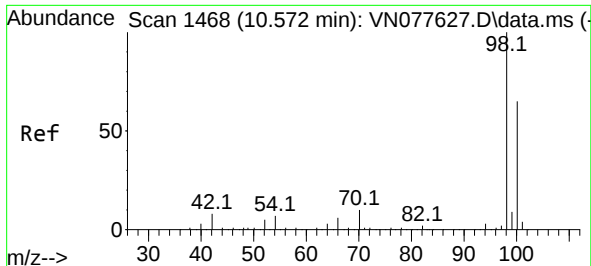
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 8856.4 47.0 70.4#

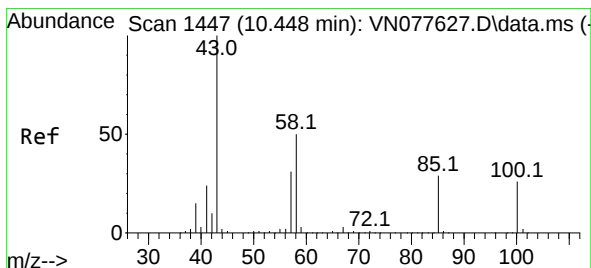
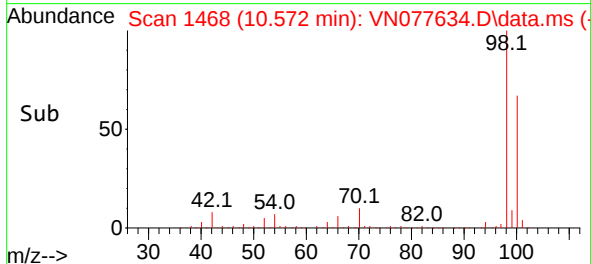
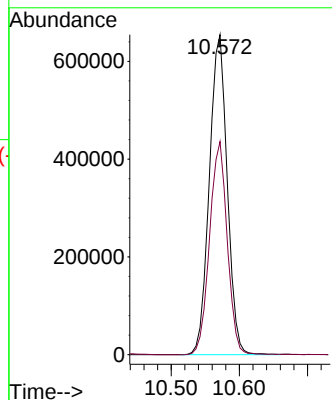
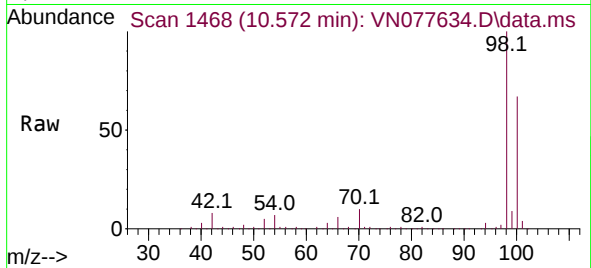




#50  
Toluene-d8  
Concen: 52.586 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

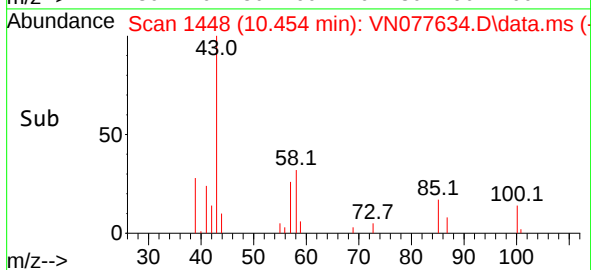
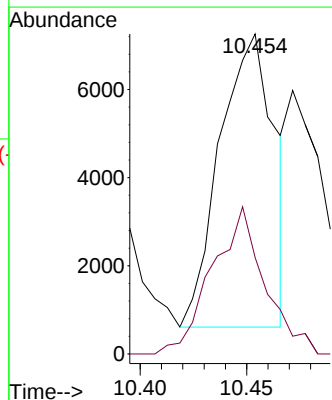
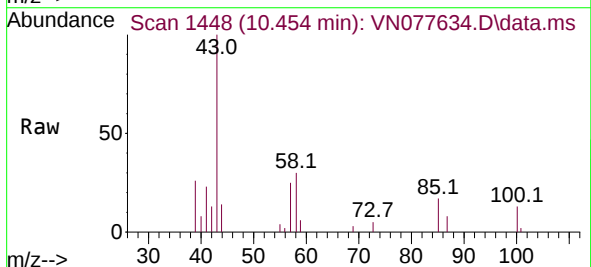
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152652TB

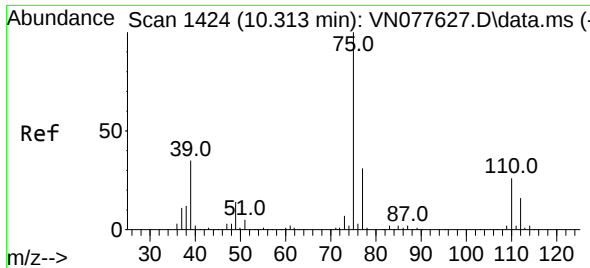
Tgt Ion: 98 Resp: 1196134  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.0 78.0



#51  
4-Methyl-2-Pentanone  
Concen: 2.416 ug/l  
RT: 10.454 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

Tgt Ion: 43 Resp: 11815  
Ion Ratio Lower Upper  
43 100  
58 48.6 36.6 54.8

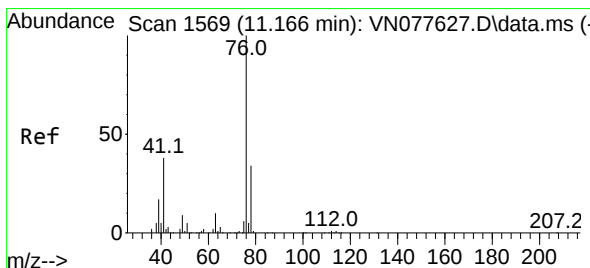
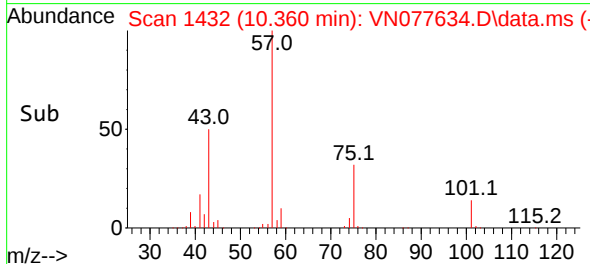
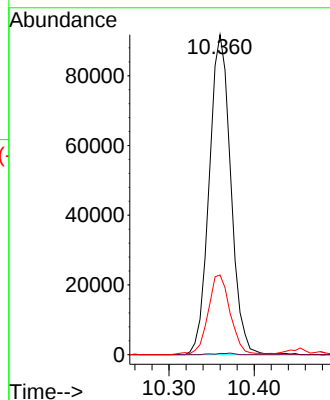
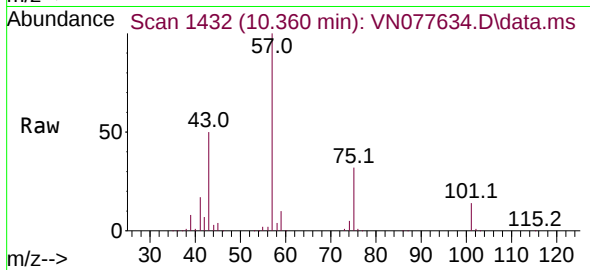




#54  
 cis-1,3-Dichloropropene  
 Concen: 16.576 ug/l  
 RT: 10.360 min Scan# 1424  
 Delta R.T. 0.047 min  
 Lab File: VN077634.D  
 Acq: 09 May 2023 16:06

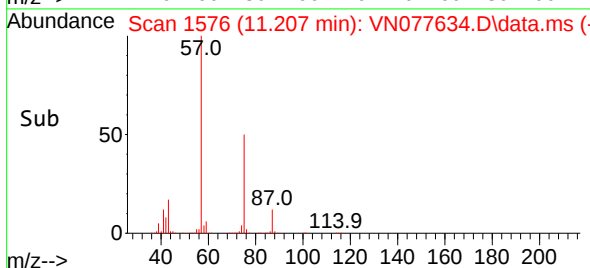
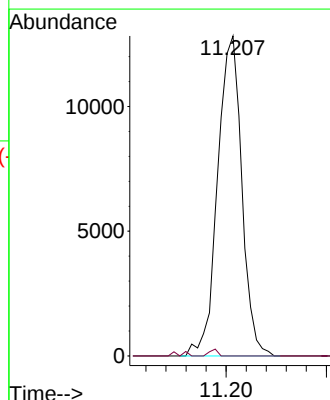
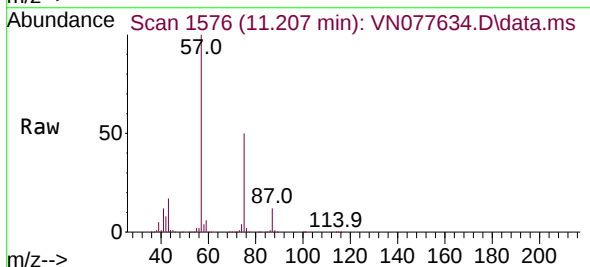
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 PB152652TB

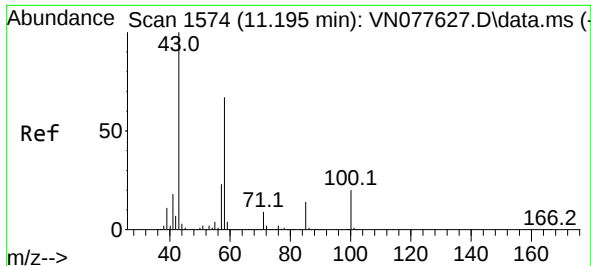
Tgt Ion: 75 Resp: 161004  
 Ion Ratio Lower Upper  
 75 100  
 77 0.4 26.1 39.1#  
 39 24.4 31.6 47.4#



#57  
 1,3-Dichloropropane  
 Concen: 2.062 ug/l  
 RT: 11.207 min Scan# 1576  
 Delta R.T. 0.041 min  
 Lab File: VN077634.D  
 Acq: 09 May 2023 16:06

Tgt Ion: 76 Resp: 21438  
 Ion Ratio Lower Upper  
 76 100  
 78 0.7 26.1 39.1#





#59

2-Hexanone

Concen: 78.593 ug/l

RT: 11.172 min Scan# 11

Delta R.T. -0.023 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

Instrument :

MSVOA\_N

ClientSampleId :

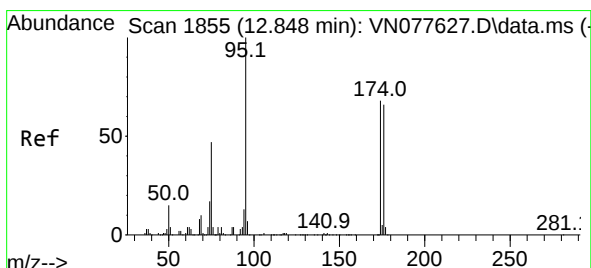
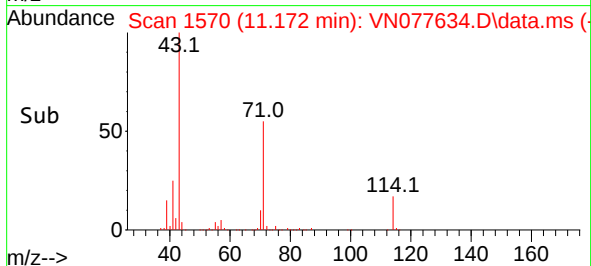
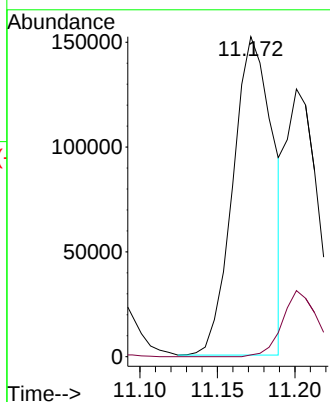
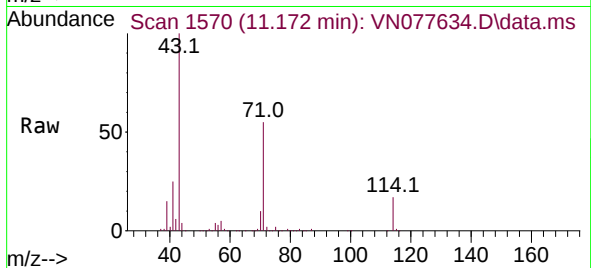
PB152652TB

Tgt Ion: 43 Resp: 271628

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#



#62

4-Bromofluorobenzene

Concen: 52.108 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

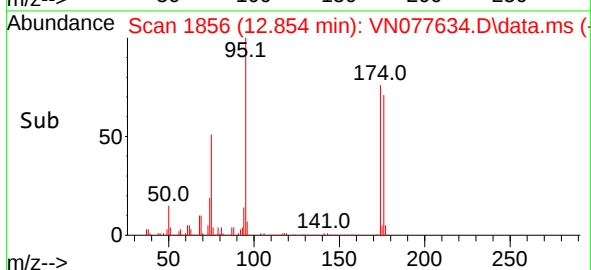
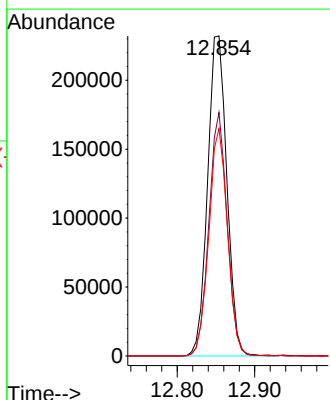
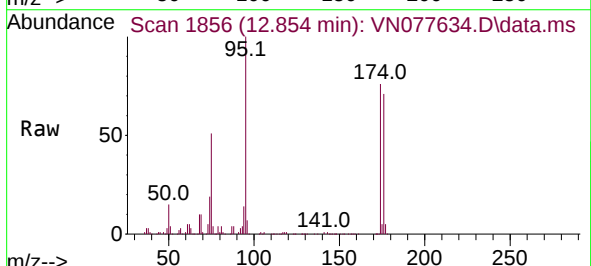
Tgt Ion: 95 Resp: 400883

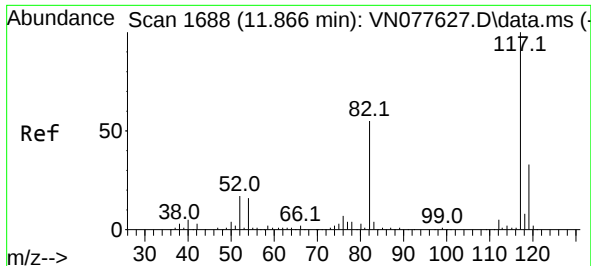
Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.8

176 68.6 0.0 135.8

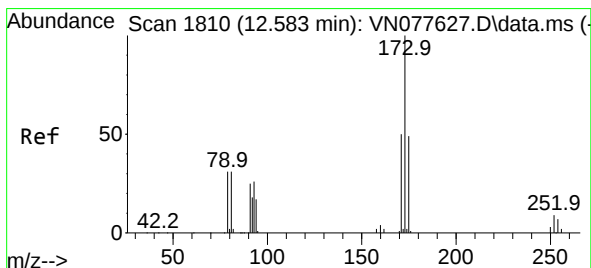
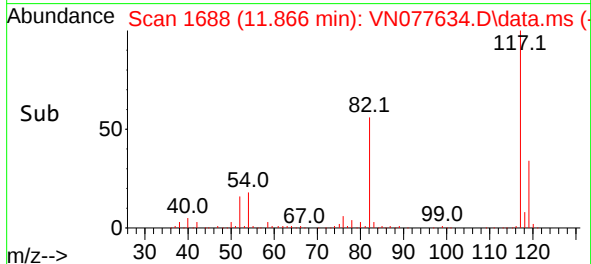
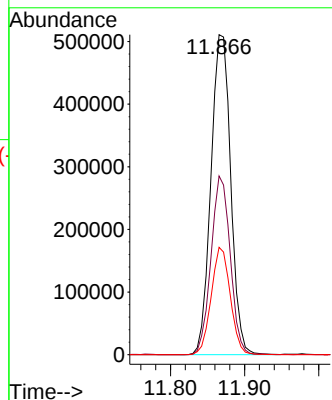
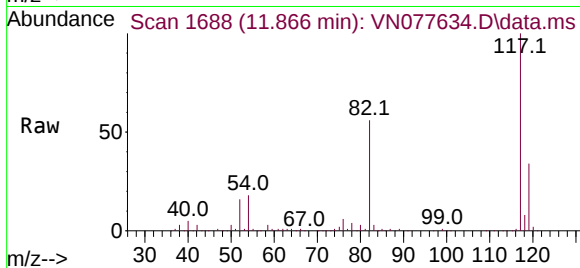




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

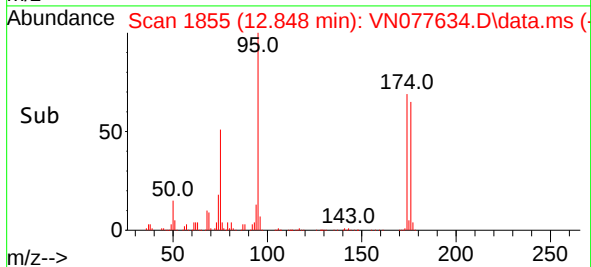
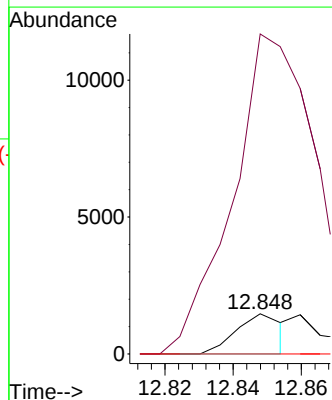
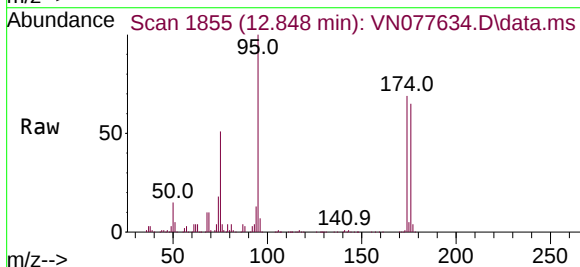
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ClientSampleId :  
PB152652TB

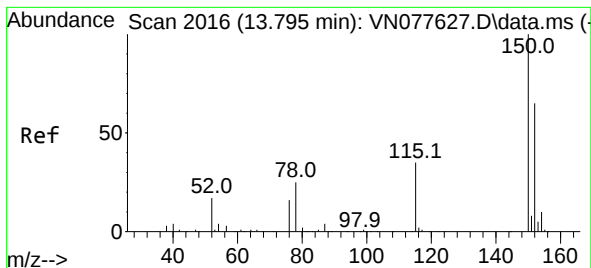
Tgt Ion:117 Resp: 946633  
Ion Ratio Lower Upper  
117 100  
82 55.9 44.0 66.0  
119 33.5 25.6 38.4



#71  
Bromoform  
Concen: 0.326 ug/l  
RT: 12.848 min Scan# 1855  
Delta R.T. 0.265 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

Tgt Ion:173 Resp: 1386  
Ion Ratio Lower Upper  
173 100  
175 1176.3 24.3 73.0#  
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

Instrument :

MSVOA\_N

ClientSampleId :

PB152652TB

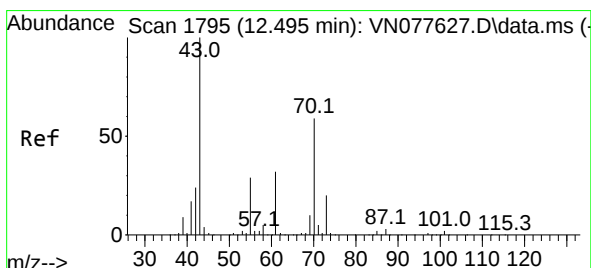
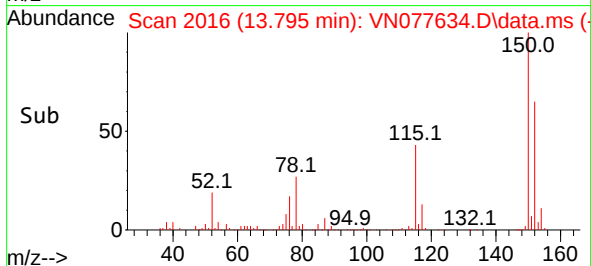
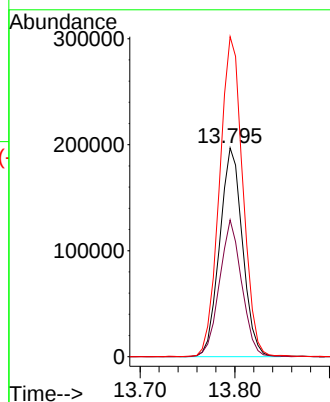
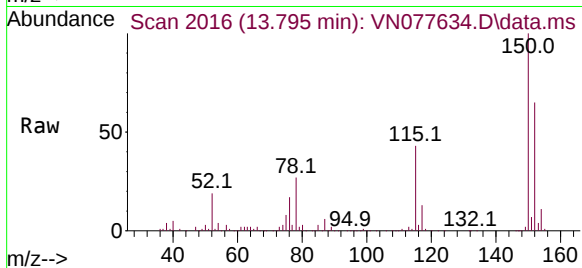
Tgt Ion:152 Resp: 330353

Ion Ratio Lower Upper

152 100

115 63.7 32.3 96.8

150 156.6 0.0 355.8



#74

N-ethyl acetate

Concen: 0.715 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

Tgt Ion: 43 Resp: 4650

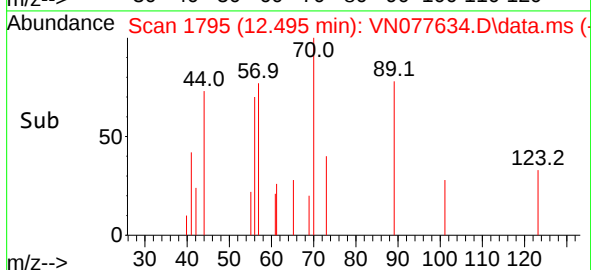
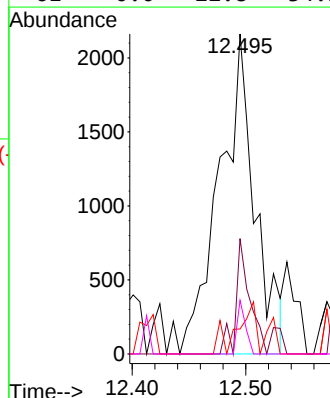
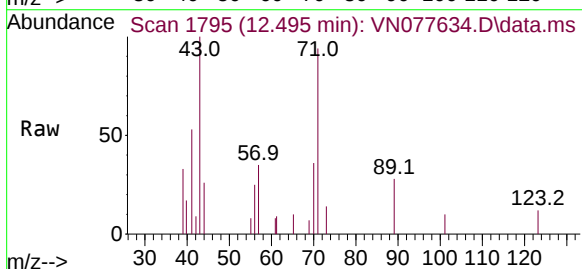
Ion Ratio Lower Upper

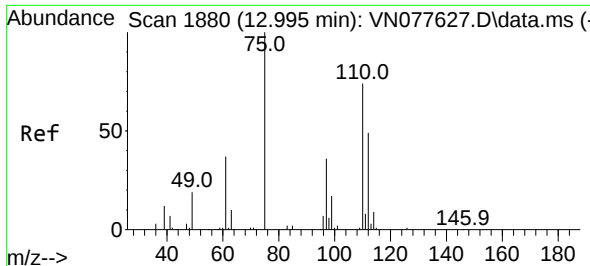
43 100

70 14.3 43.4 65.2#

55 7.0 21.4 32.0#

61 0.0 22.8 34.2#

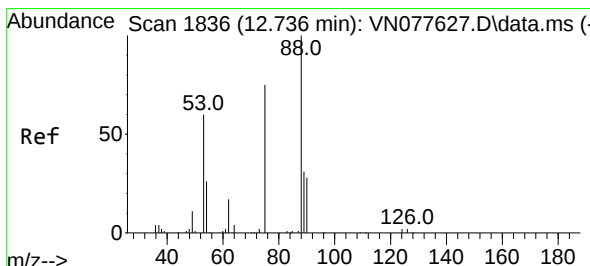
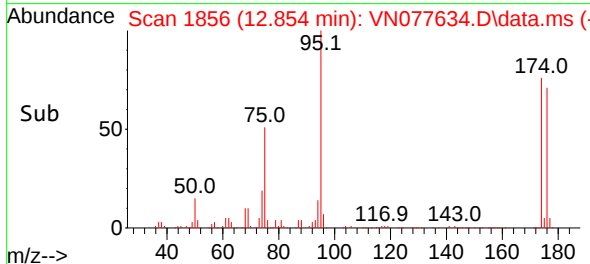
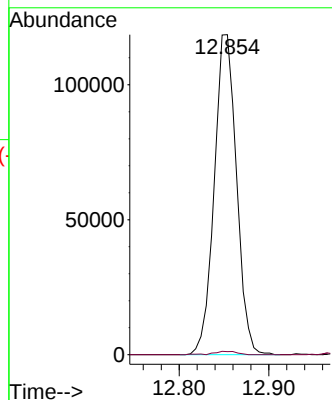
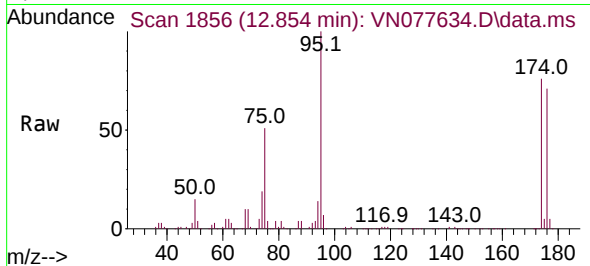




#76  
1,2,3-Trichloropropane  
Concen: 29.996 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. -0.141 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

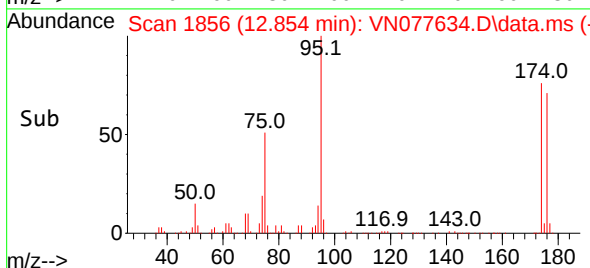
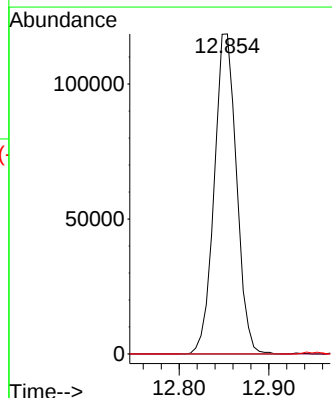
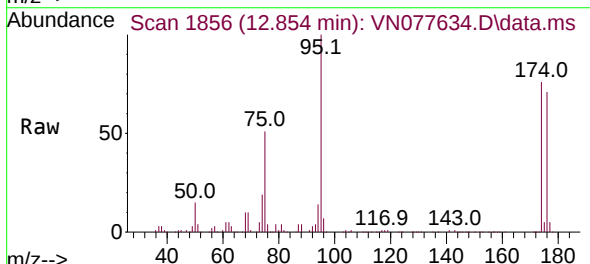
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152652TB

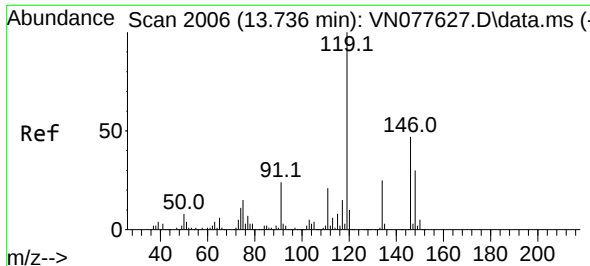
Tgt Ion: 75 Resp: 204493  
Ion Ratio Lower Upper  
75 100  
77 1.1 84.5 253.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 95.511 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.118 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

Tgt Ion: 75 Resp: 204493  
Ion Ratio Lower Upper  
75 100  
53 0.0 67.4 101.2#  
89 0.0 38.8 58.2#

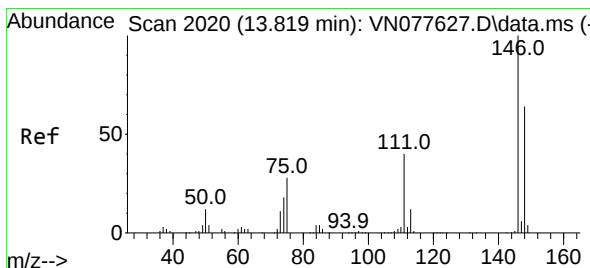
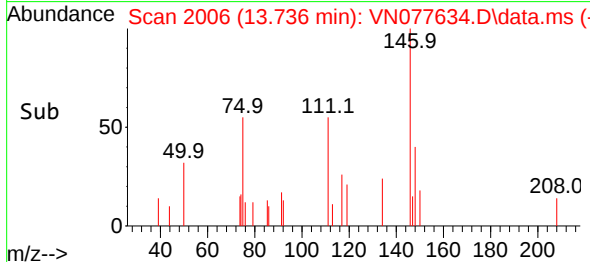
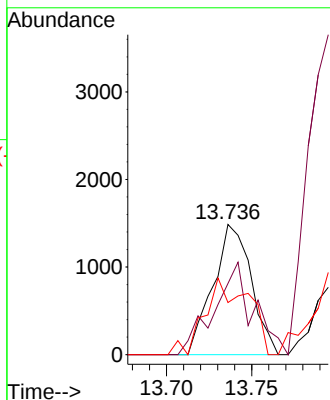
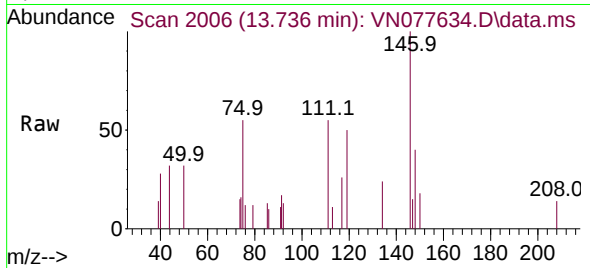




#87  
1,3-Dichlorobenzene  
Concen: 0.204 ug/l  
RT: 13.736 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

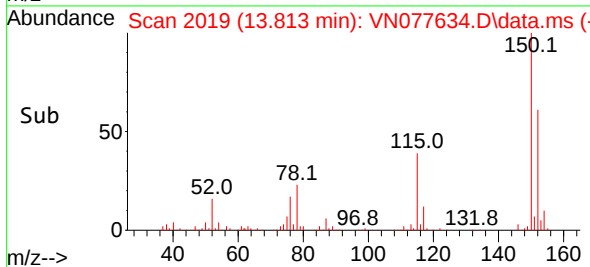
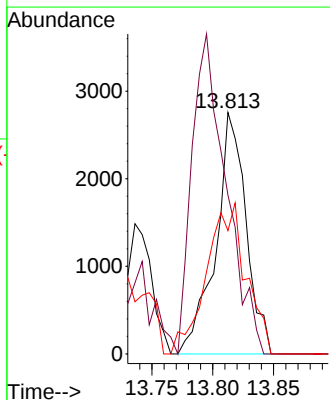
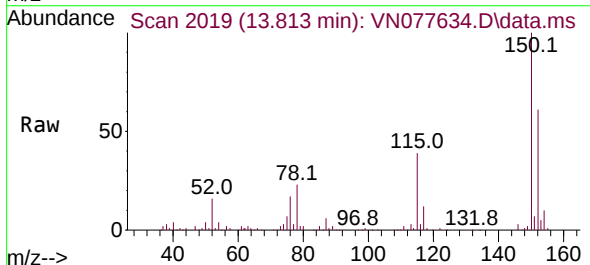
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152652TB

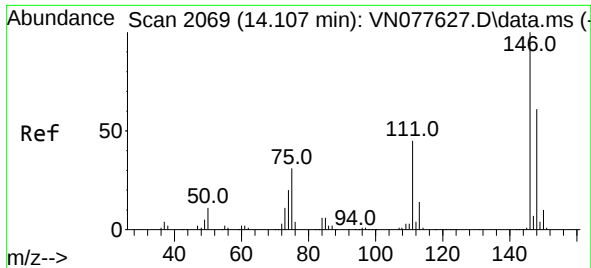
Tgt Ion:146 Resp: 2317  
Ion Ratio Lower Upper  
146 100  
111 72.6 22.1 66.3#  
148 67.7 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 0.424 ug/l  
RT: 13.813 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

Tgt Ion:146 Resp: 4778  
Ion Ratio Lower Upper  
146 100  
111 0.0 20.6 61.8#  
148 81.4 31.6 94.8

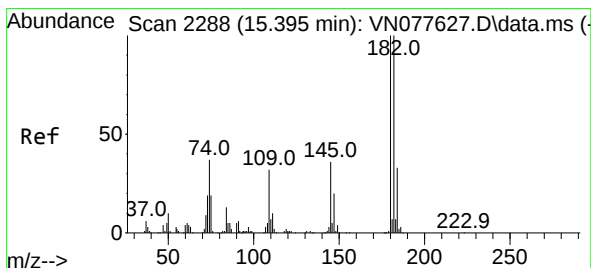
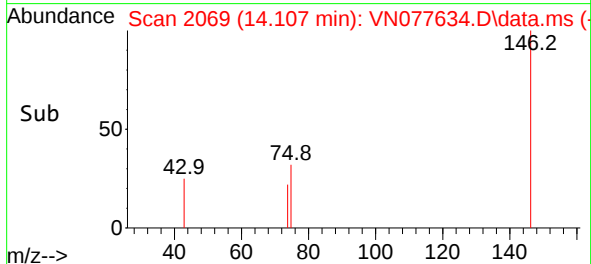
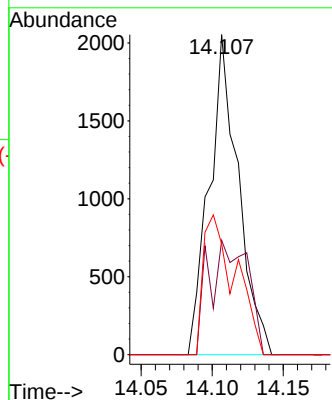
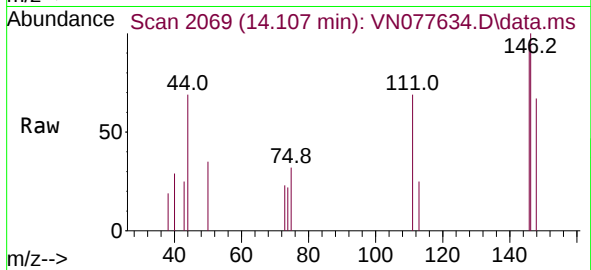




#91  
1,2-Dichlorobenzene  
Concen: 0.259 ug/l  
RT: 14.107 min Scan# 2069  
Delta R.T. -0.000 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

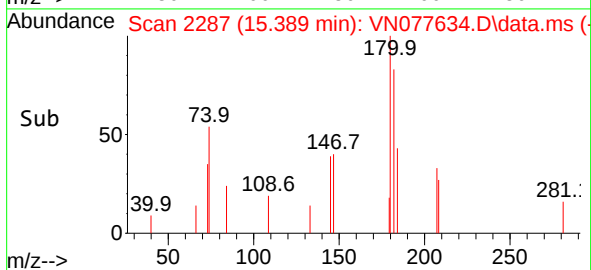
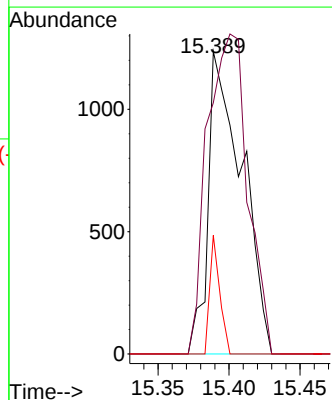
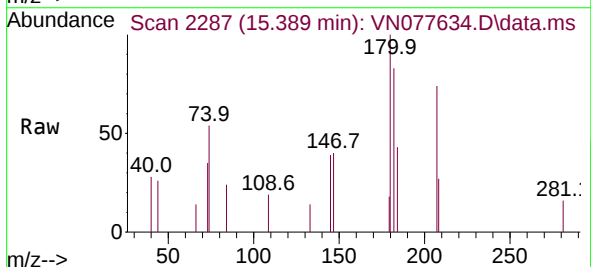
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB152652TB

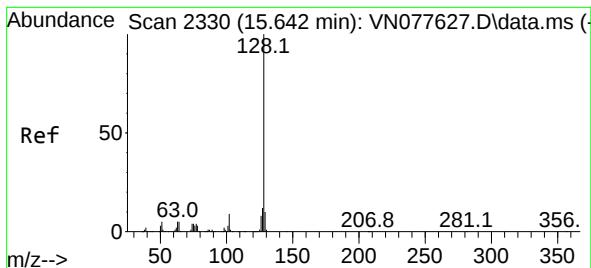
Tgt Ion:146 Resp: 2919  
Ion Ratio Lower Upper  
146 100  
111 47.6 22.0 66.0  
148 48.4 31.8 95.3



#93  
1,2,4-Trichlorobenzene  
Concen: 4.969 ug/l  
RT: 15.389 min Scan# 2287  
Delta R.T. -0.006 min  
Lab File: VN077634.D  
Acq: 09 May 2023 16:06

Tgt Ion:180 Resp: 2058  
Ion Ratio Lower Upper  
180 100  
182 125.7 46.1 138.2  
145 11.5 16.6 49.8#





#95

Naphthalene

Concen: 5.333 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

Instrument :

MSVOA\_N

ClientSampleId :

PB152652TB

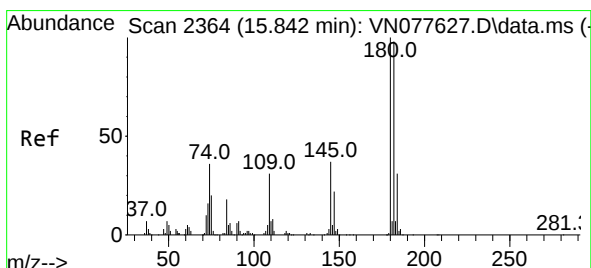
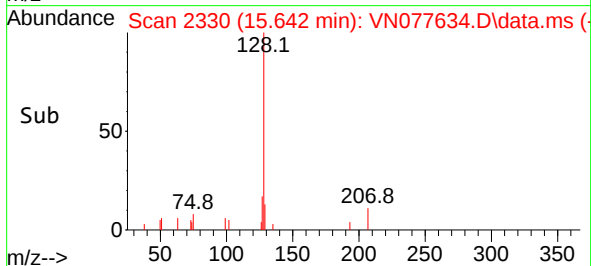
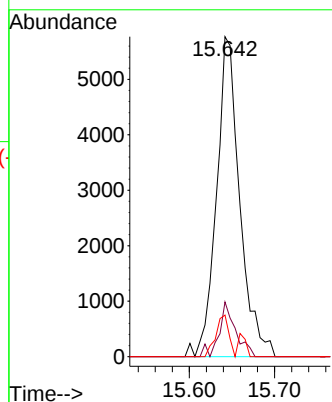
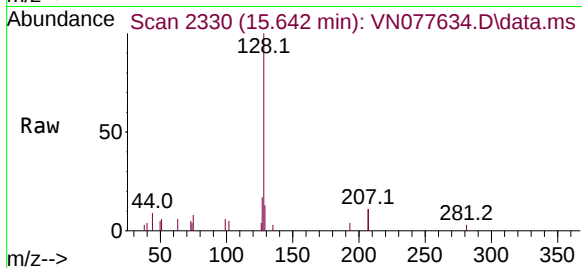
Tgt Ion:128 Resp: 10961

Ion Ratio Lower Upper

128 100

127 12.1 10.0 15.0

129 7.3 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 5.095 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077634.D

Acq: 09 May 2023 16:06

Tgt Ion:180 Resp: 2935

Ion Ratio Lower Upper

180 100

182 110.3 46.2 138.6

145 38.3 17.5 52.6

