

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082321\  
 Data File : VN068260.D  
 Acq On : 23 Aug 2021 10:54  
 Operator : JC/MD  
 Sample : VN0823MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

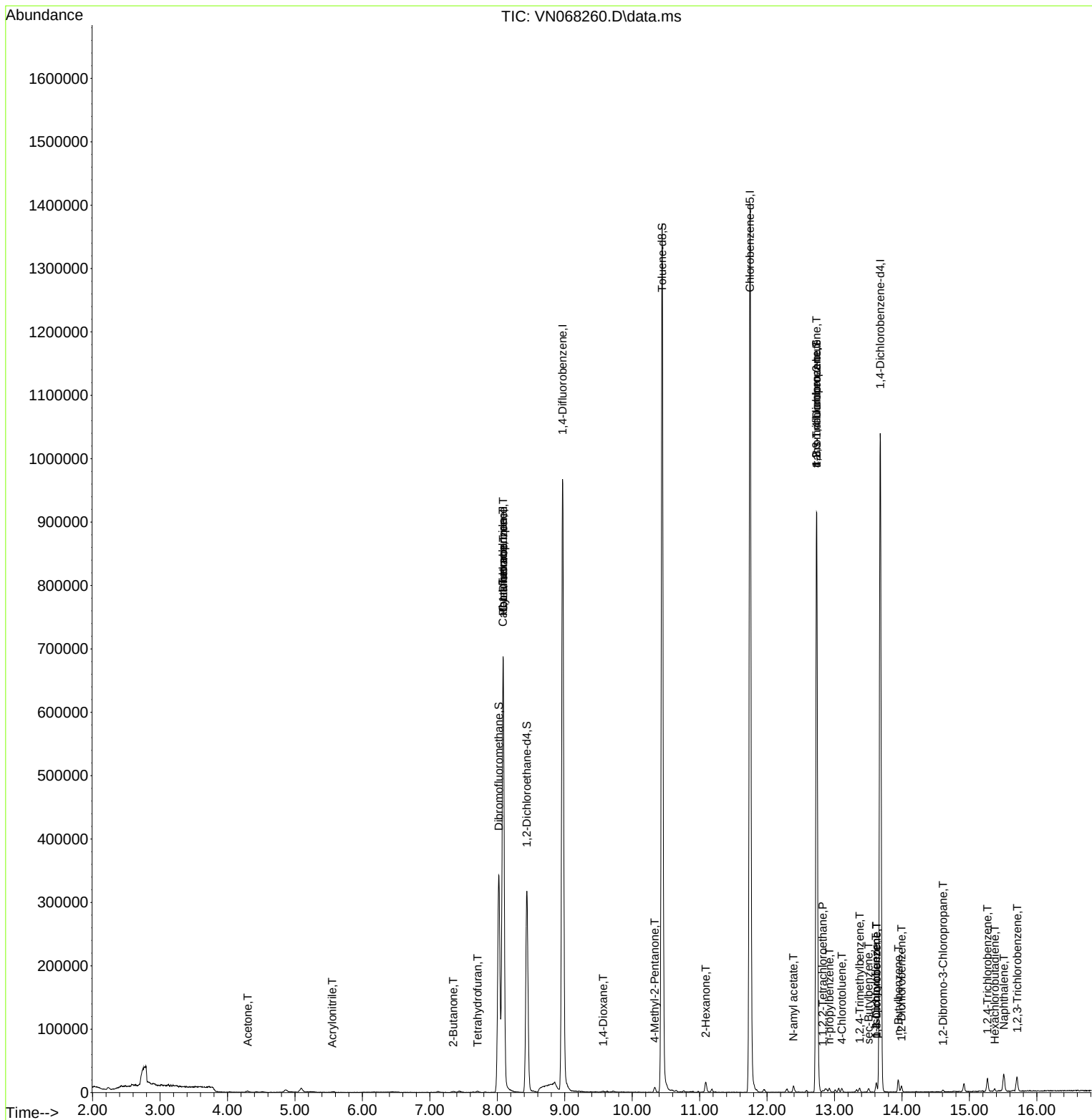
Quant Time: Aug 24 03:52:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 13:09:49 2021  
 Response via : Initial Calibration

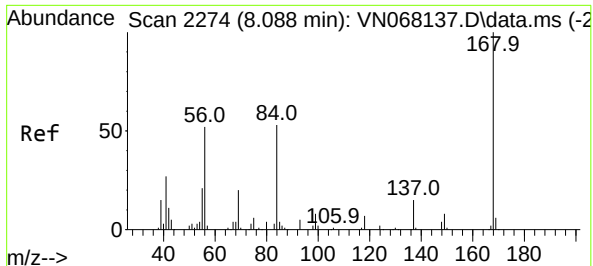
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.088          | 168  | 576030     | 50.000    | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 8.968          | 114  | 943267     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.746         | 117  | 918041     | 50.000    | ug/l   | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4    | 13.677         | 152  | 322040     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.437          | 65   | 272508     | 44.307    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 88.620%   |        |          |
| 35) Dibromofluoromethane      | 8.021          | 113  | 250313     | 42.268    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 84.540%   |        |          |
| 50) Toluene-d8                | 10.443         | 98   | 991145     | 43.924    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 87.840%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.733         | 95   | 308758     | 41.103    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 82.200%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           |        | Qvalue   |
| 5) Bromomethane               | 2.840          | 94   | 695        | Below Cal |        | 87       |
| 6) Chloroethane               | 3.148          | 64   | 27         | Below Cal | #      | 44       |
| 13) Acrolein                  | 4.033          | 56   | 255        | Below Cal | #      | 74       |
| 15) Acrylonitrile             | 5.554          | 53   | 578        | 0.267     | ug/l # | 50       |
| 16) Acetone                   | 4.299          | 43   | 3220       | 1.793     | ug/l   | 92       |
| 18) Methyl Acetate            | 4.856          | 43   | 3580       | Below Cal | #      | 91       |
| 20) Methylene Chloride        | 5.095          | 84   | 4690       | Below Cal | #      | 82       |
| 25) 2-Butanone                | 7.348          | 43   | 2033       | 0.726     | ug/l   | 97       |
| 29) Tetrahydrofuran           | 7.707          | 42   | 1035       | 0.578     | ug/l # | 77       |
| 31) Cyclohexane               | 8.086          | 56   | 9235       | 1.140     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 8.086          | 75   | 35802      | 4.643     | ug/l # | 53       |
| 38) Carbon Tetrachloride      | 8.083          | 117  | 53395      | 6.004     | ug/l # | 17       |
| 49) 1,4-Dioxane               | 9.571          | 88   | 200        | 1.887     | ug/l # | 51       |
| 51) 4-Methyl-2-Pentanone      | 10.336         | 43   | 6012       | 0.930     | ug/l   | 95       |
| 59) 2-Hexanone                | 11.092         | 43   | 11799      | 2.629     | ug/l   | 96       |
| 74) N-amyl acetate            | 12.390         | 43   | 5910       | 0.991     | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.825         | 83   | 1559       | 0.227     | ug/l # | 88       |
| 76) 1,2,3-Trichloropropane    | 12.733         | 75   | 154608     | 28.884    | ug/l # | 100      |
| 78) n-propylbenzene           | 12.924         | 91   | 5987       | 0.244     | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.733         | 75   | 154608     | 94.630    | ug/l # | 6        |
| 82) 4-Chlorotoluene           | 13.109         | 91   | 4140       | 0.281     | ug/l   | 84       |
| 84) 1,2,4-Trimethylbenzene    | 13.374         | 105  | 3999       | 0.221     | ug/l   | 86       |
| 85) sec-Butylbenzene          | 13.506         | 105  | 4618       | 0.213     | ug/l   | 94       |
| 86) p-Isopropyltoluene        | 13.616         | 119  | 4872       | 0.272     | ug/l   | 90       |
| 87) 1,3-Dichlorobenzene       | 13.621         | 146  | 4310       | 0.401     | ug/l   | 87       |
| 88) 1,4-Dichlorobenzene       | 13.621         | 146  | 4310       | 0.395     | ug/l   | 89       |
| 89) n-Butylbenzene            | 13.946         | 91   | 11613      | 0.871     | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.994         | 146  | 4684       | 0.457     | ug/l   | 90       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.608         | 75   | 860        | 0.827     | ug/l   | 63       |
| 93) 1,2,4-Trichlorobenzene    | 15.268         | 180  | 7779       | 4.055     | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.375         | 225  | 1108       | 0.399     | ug/l   | 91       |
| 95) Naphthalene               | 15.509         | 128  | 28381      | 5.439     | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.708         | 180  | 9251       | 4.542     | ug/l   | 95       |
| -----                         |                |      |            |           |        |          |

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

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Aug 24 03:52:34 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 13:09:49 2021  
Response via : Initial Calibration

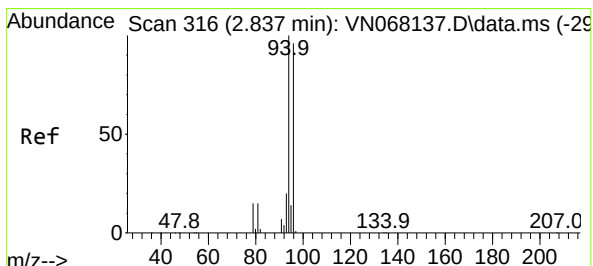
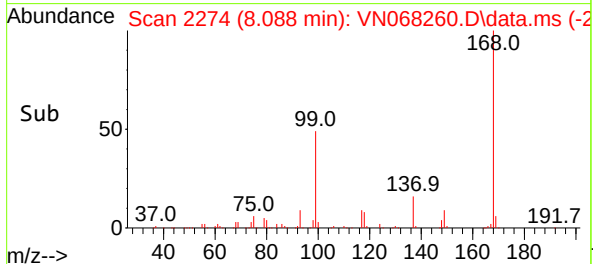
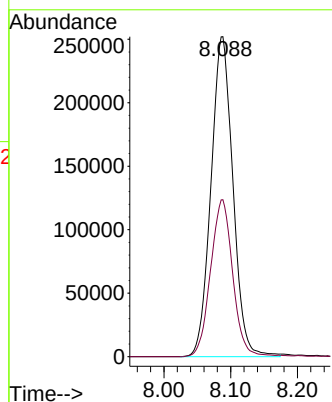
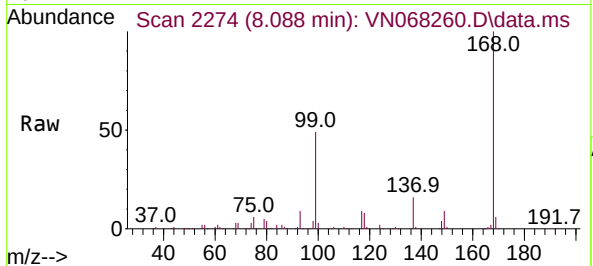




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

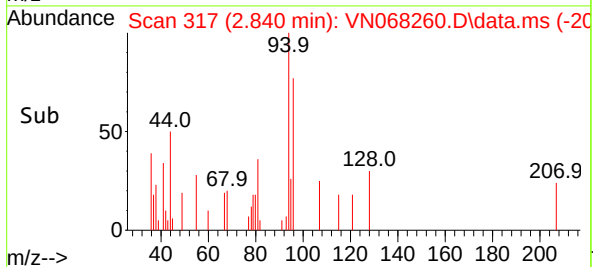
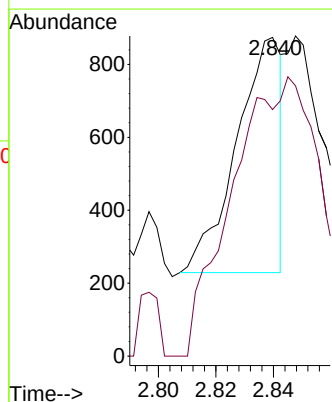
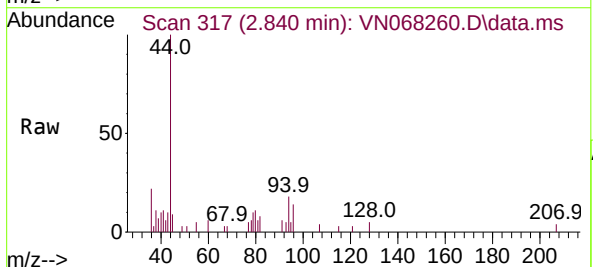
Instrument :  
MSVOA\_N  
ClientSampled :

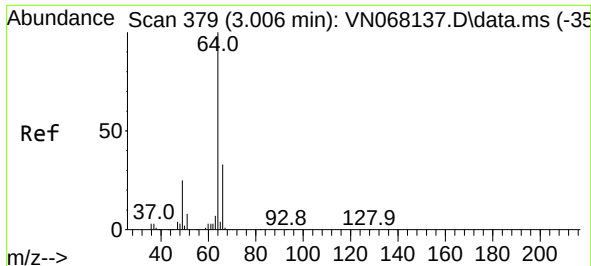
Tgt Ion:168 Resp: 576030  
Ion Ratio Lower Upper  
168 100  
99 49.0 62.9 94.3#



#5  
Bromomethane  
Concen: Below Cal  
RT: 2.840 min Scan# 317  
Delta R.T. 0.003 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

Tgt Ion: 94 Resp: 695  
Ion Ratio Lower Upper  
94 100  
96 104.8 73.7 110.5

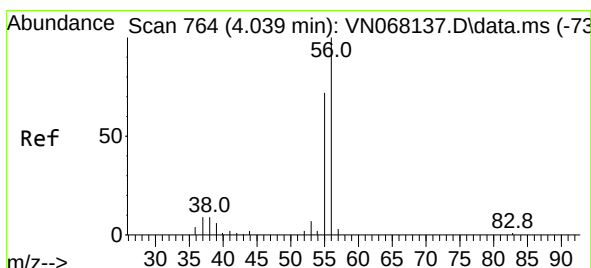
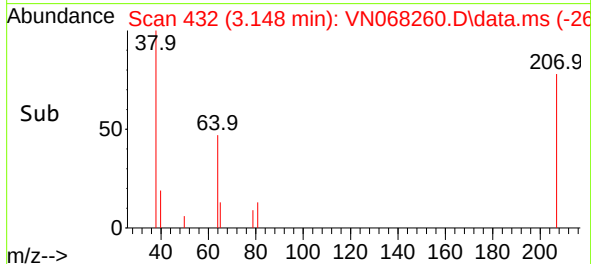
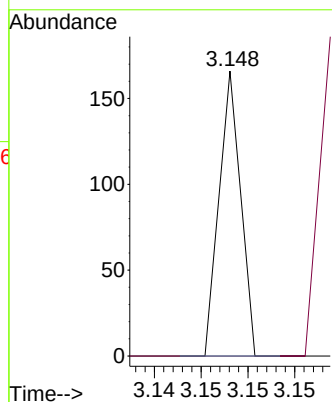
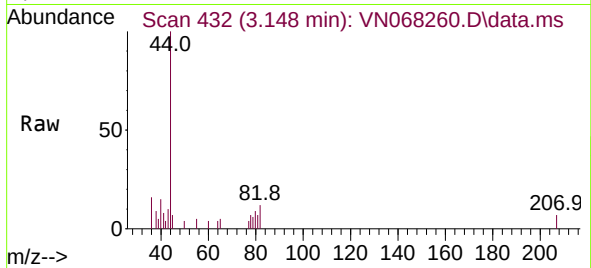




#6  
Chloroethane  
Concen: Below Cal  
RT: 3.148 min Scan# 432  
Delta R.T. 0.142 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

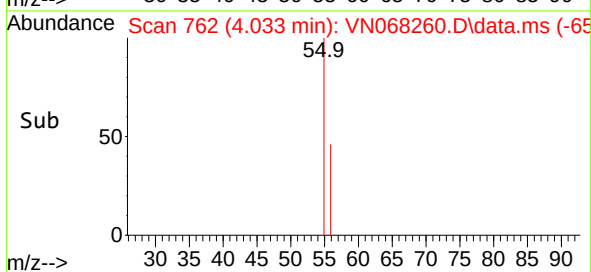
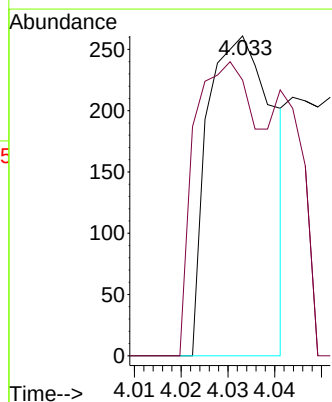
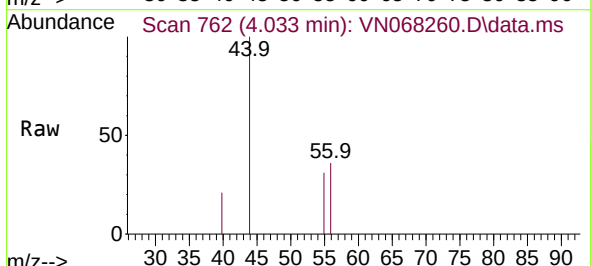
Instrument :  
MSVOA\_N  
ClientSampled :

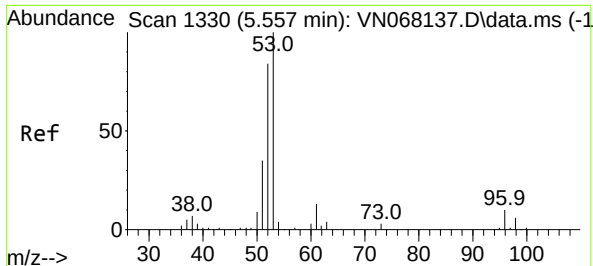
Tgt Ion: 64 Resp: 27  
Ion Ratio Lower Upper  
64 100  
66 0.0 24.7 37.1#



#13  
Acrolein  
Concen: Below Cal  
RT: 4.033 min Scan# 762  
Delta R.T. -0.006 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

Tgt Ion: 56 Resp: 255  
Ion Ratio Lower Upper  
56 100  
55 92.9 57.4 86.0#

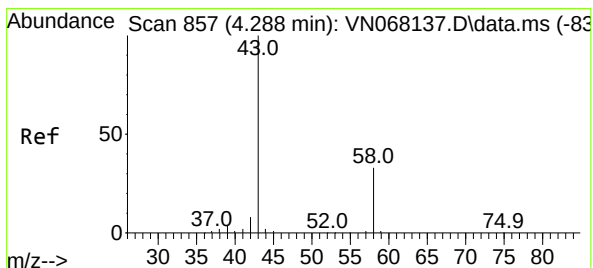
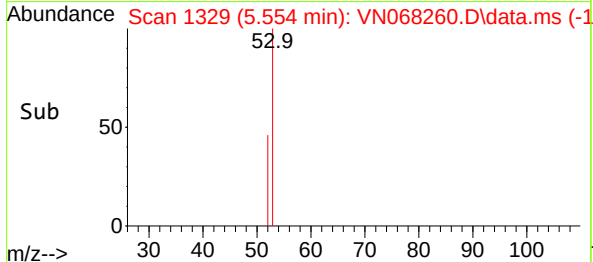
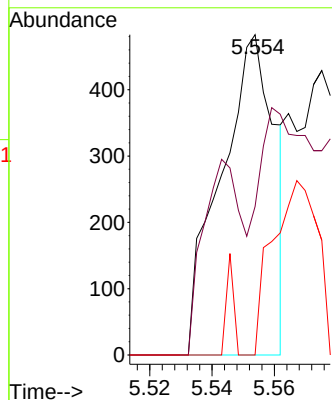
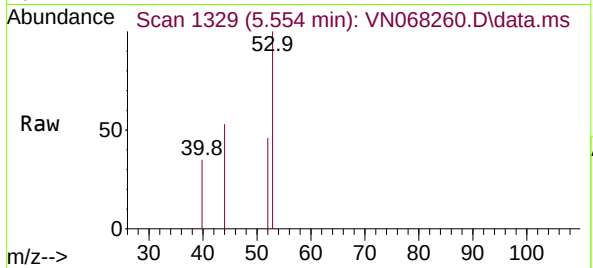




#15  
Acrylonitrile  
Concen: 0.267 ug/l  
RT: 5.554 min Scan# 1329  
Delta R.T. -0.003 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

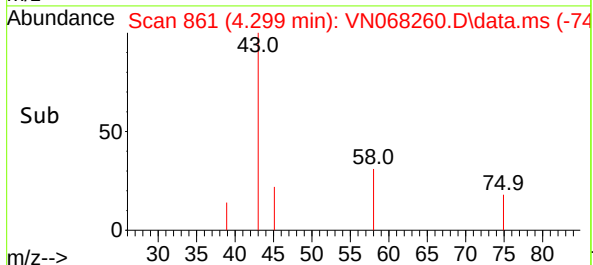
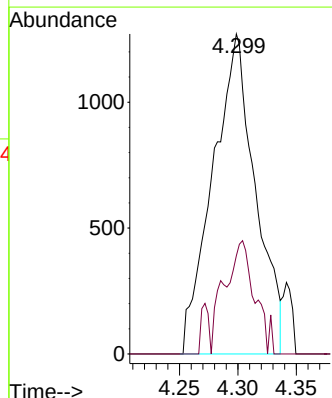
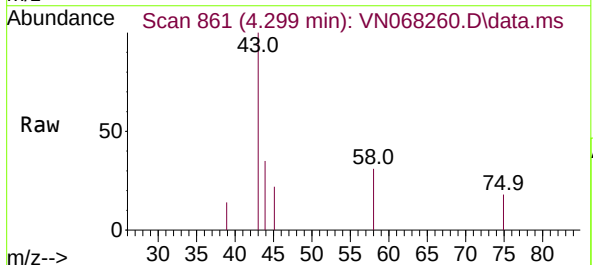
Instrument :  
MSVOA\_N  
ClientSampled :

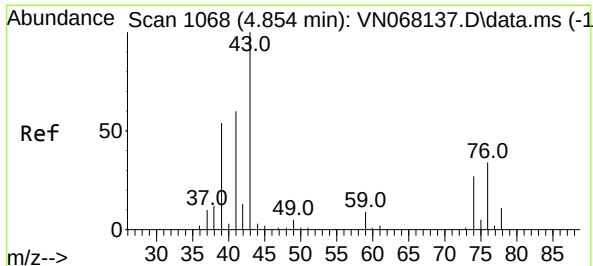
Tgt Ion: 53 Resp: 578  
Ion Ratio Lower Upper  
53 100  
52 122.3 66.2 99.2#  
51 0.0 30.2 45.4#



#16  
Acetone  
Concen: 1.793 ug/l  
RT: 4.299 min Scan# 861  
Delta R.T. 0.011 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

Tgt Ion: 43 Resp: 3220  
Ion Ratio Lower Upper  
43 100  
58 30.7 21.2 31.8





#18

Methyl Acetate

Concen: Below Cal

RT: 4.856 min Scan# 1069

Delta R.T. 0.002 min

Lab File: VN068260.D

Acq: 23 Aug 2021 10:54

Tgt Ion: 43 Resp: 3580

Ion Ratio Lower Upper

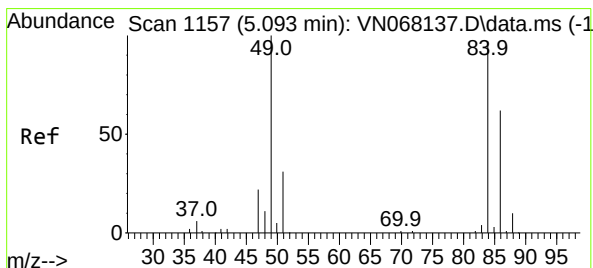
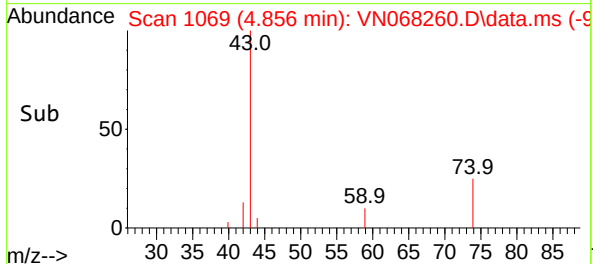
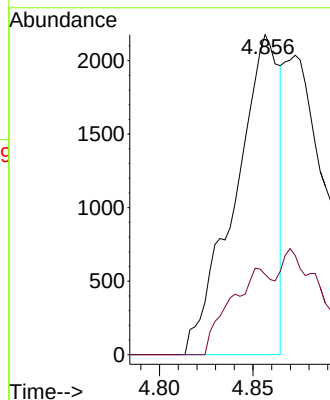
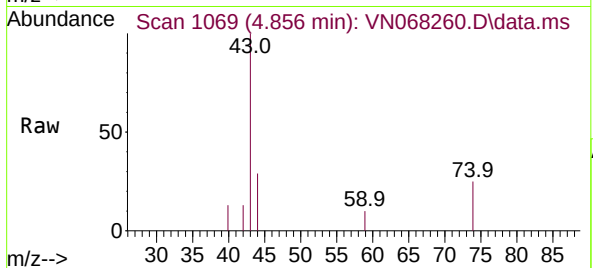
43 100

74 26.1 17.4 26.0#

Instrument :

MSVOA\_N

ClientSampled :



#20

Methylene Chloride

Concen: Below Cal

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN068260.D

Acq: 23 Aug 2021 10:54

Tgt Ion: 84 Resp: 4690

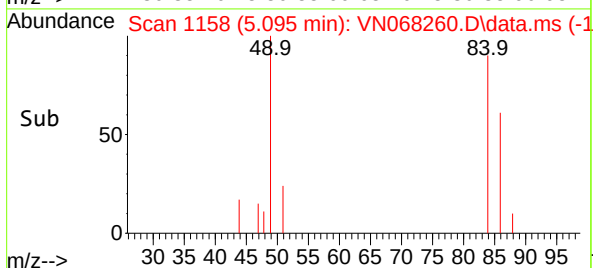
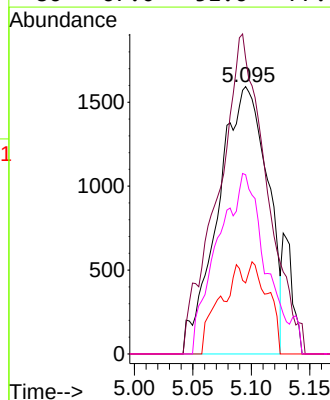
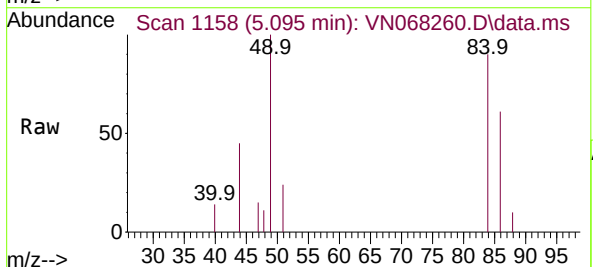
Ion Ratio Lower Upper

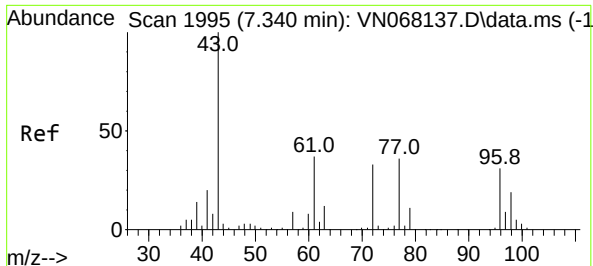
84 100

49 110.6 110.9 166.3#

51 26.6 32.6 49.0#

86 67.0 51.6 77.4

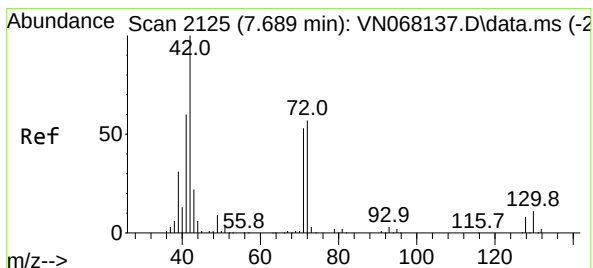
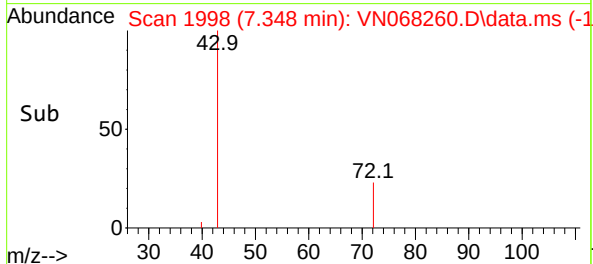
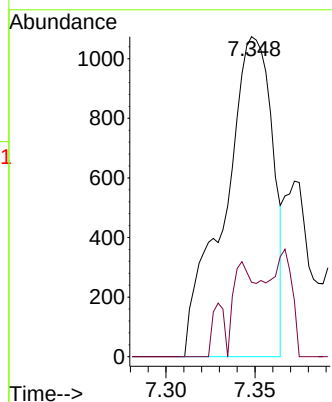
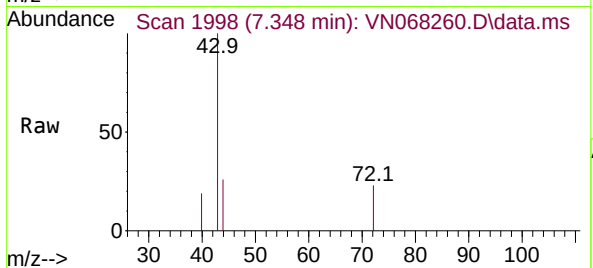




#25  
2-Butanone  
Concen: 0.726 ug/l  
RT: 7.348 min Scan# 1998  
Delta R.T. 0.008 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

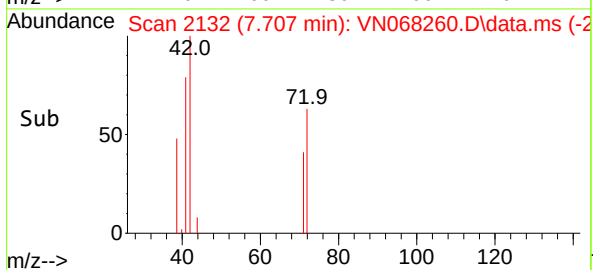
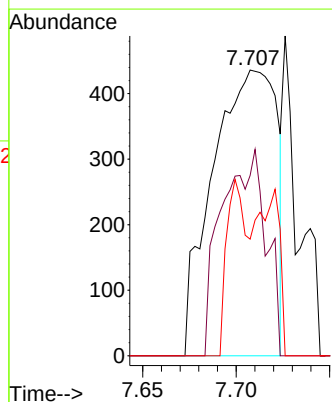
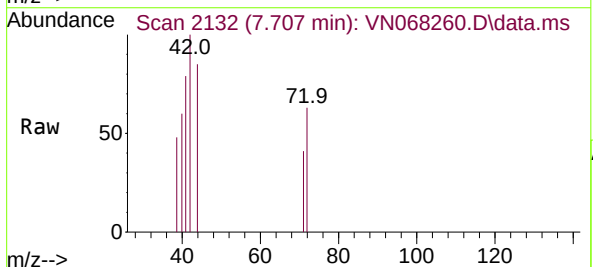
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 43 Resp: 2033  
Ion Ratio Lower Upper  
43 100  
72 23.3 19.7 29.5

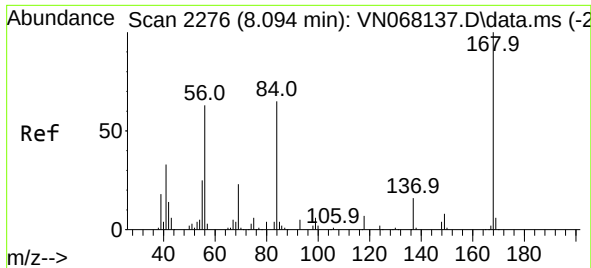


#29  
Tetrahydrofuran  
Concen: 0.578 ug/l  
RT: 7.707 min Scan# 2132  
Delta R.T. 0.018 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

Tgt Ion: 42 Resp: 1035  
Ion Ratio Lower Upper  
42 100  
72 50.0 32.8 49.2#  
71 19.7 31.2 46.8#



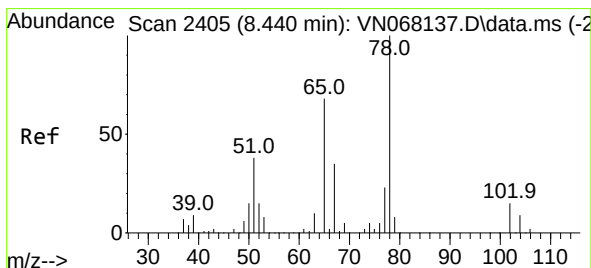
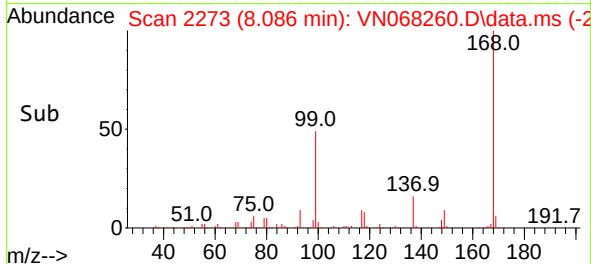
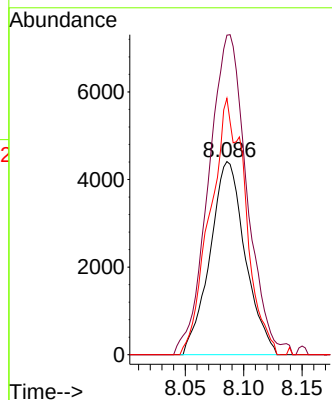
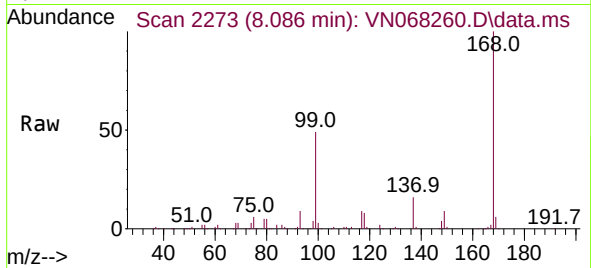




#31  
Cyclohexane  
Concen: 1.140 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.008 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

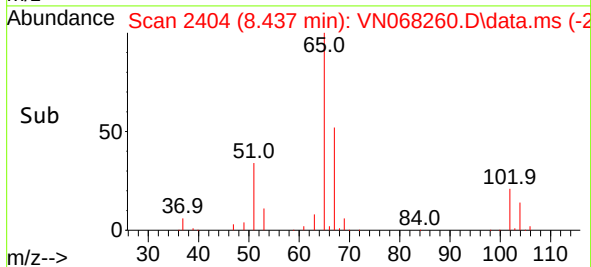
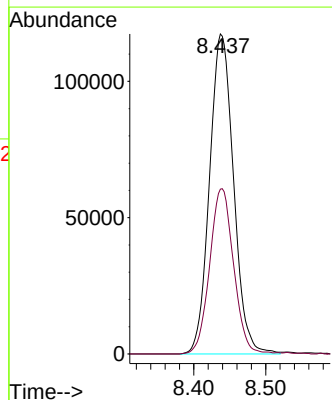
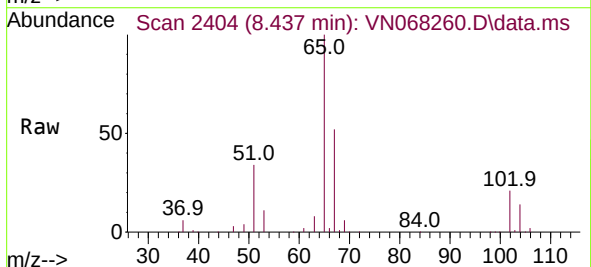
Instrument :  
MSVOA\_N  
ClientSampled :

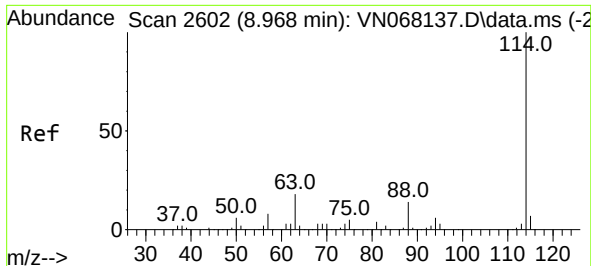
Tgt Ion: 56 Resp: 9235  
Ion Ratio Lower Upper  
56 100  
69 160.2 27.3 40.9#  
84 132.7 64.9 97.3#



#33  
1,2-Dichloroethane-d4  
Concen: 44.307 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. -0.003 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

Tgt Ion: 65 Resp: 272508  
Ion Ratio Lower Upper  
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67 51.4 0.0 98.6

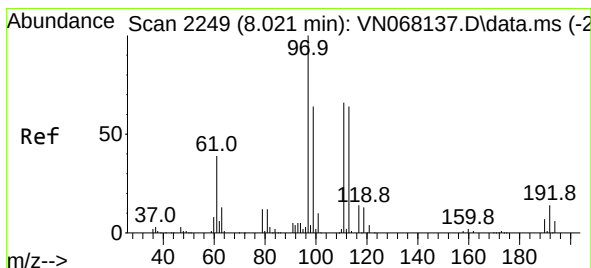
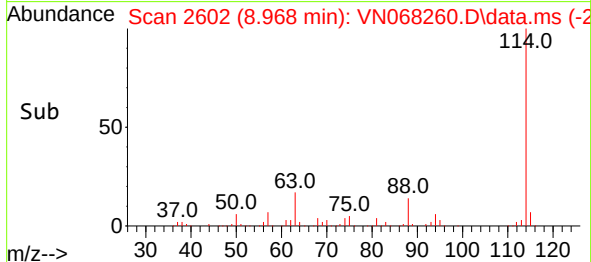
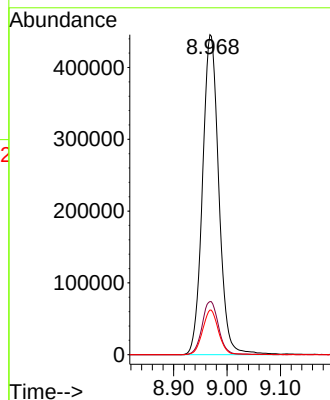
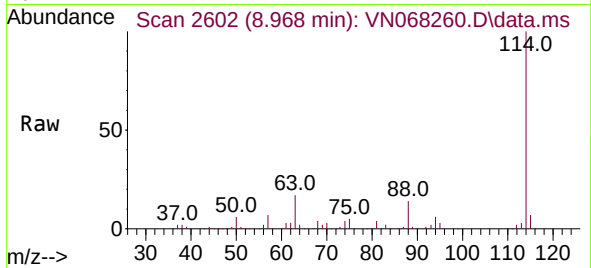




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.000 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

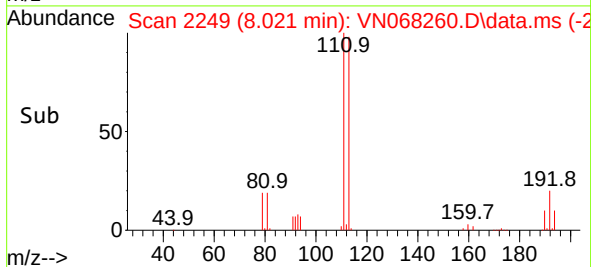
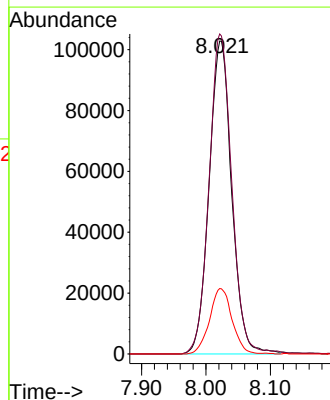
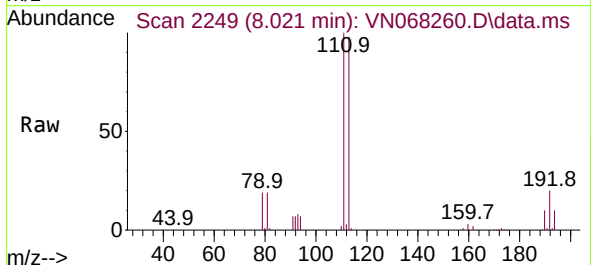
Instrument :  
MSVOA\_N  
ClientSampled :

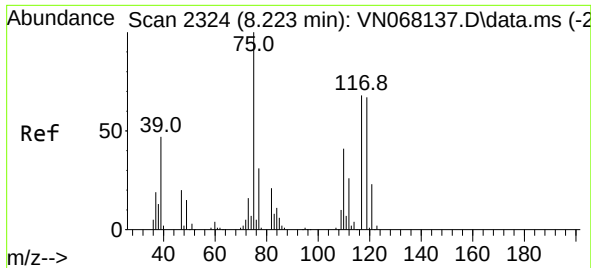
Tgt Ion:114 Resp: 943267  
Ion Ratio Lower Upper  
114 100  
63 16.6 0.0 49.0  
88 13.9 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 42.268 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

Tgt Ion:113 Resp: 250313  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.8 125.8  
192 20.8 13.4 20.0#

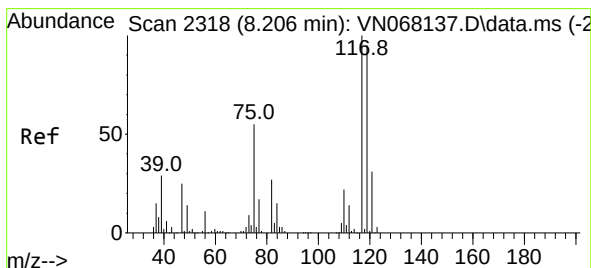
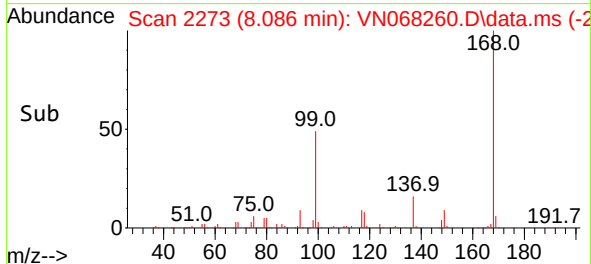
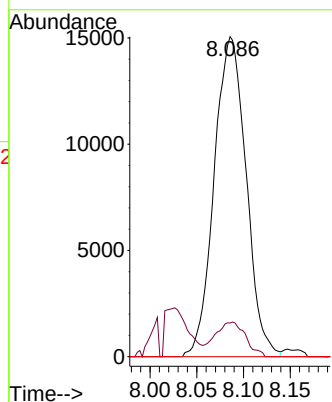
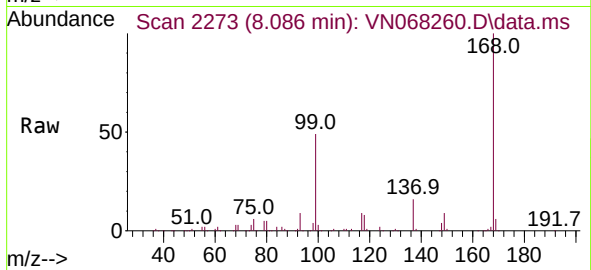




#36  
1,1-Dichloropropene  
Concen: 4.643 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.137 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

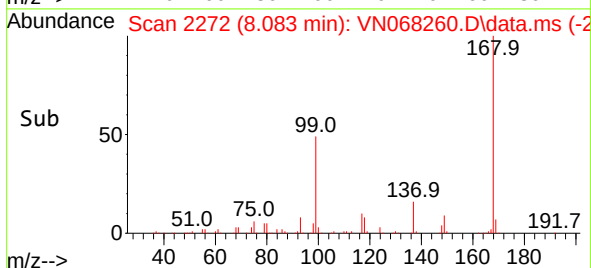
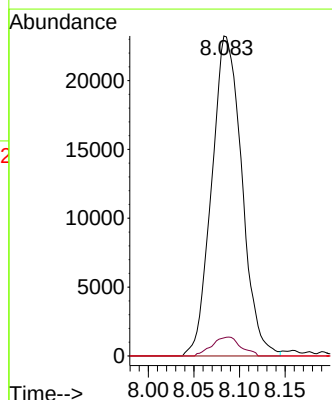
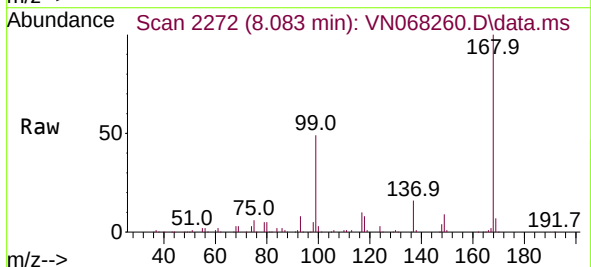
Instrument :  
MSVOA\_N  
ClientSampled :

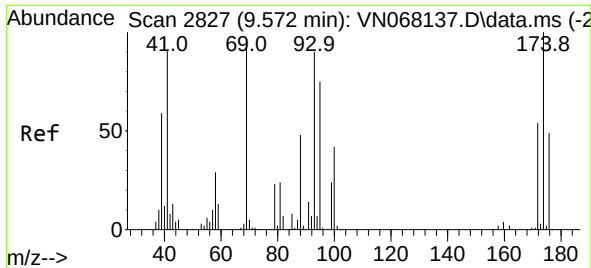
Tgt Ion: 75 Resp: 35802  
Ion Ratio Lower Upper  
75 100  
110 10.2 15.7 47.0#  
77 0.0 24.6 37.0#



#38  
Carbon Tetrachloride  
Concen: 6.004 ug/l  
RT: 8.083 min Scan# 2272  
Delta R.T. -0.123 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

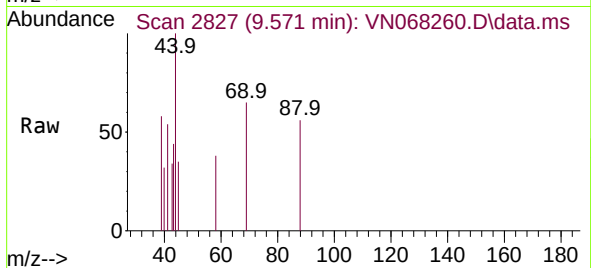
Tgt Ion: 117 Resp: 53395  
Ion Ratio Lower Upper  
117 100  
119 5.7 75.4 113.2#  
121 0.0 23.5 35.3#



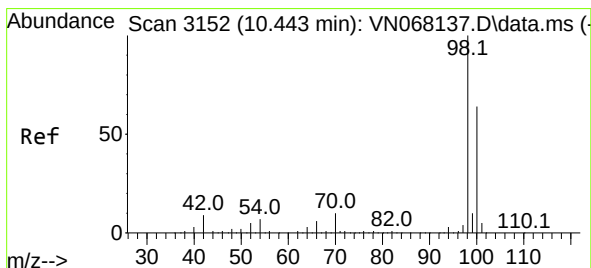
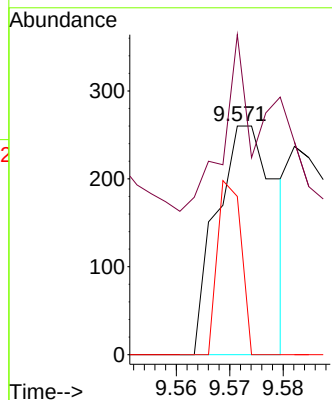
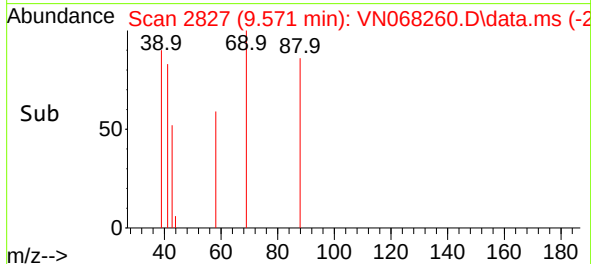


#49  
1,4-Dioxane  
Concen: 1.887 ug/l  
RT: 9.571 min Scan# 2827  
Delta R.T. -0.001 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

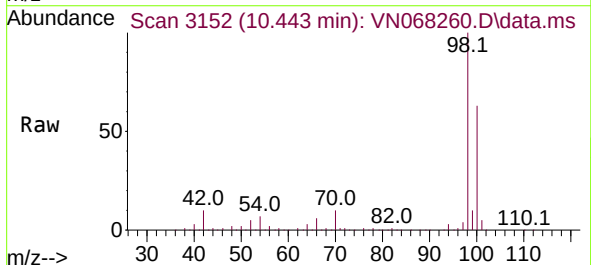
Instrument :  
MSVOA\_N  
ClientSampled :



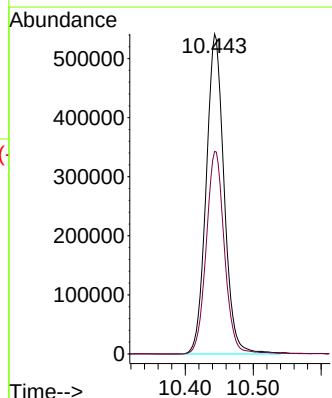
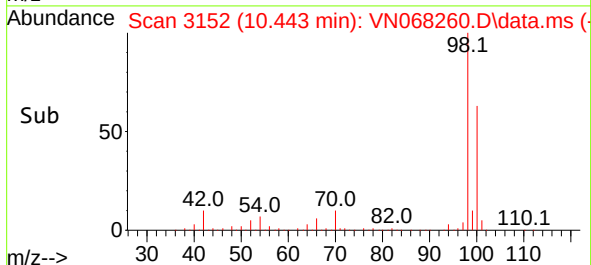
Tgt Ion: 88 Resp: 200  
Ion Ratio Lower Upper  
88 100  
43 60.5 28.8 43.2#  
58 30.5 60.4 90.6#

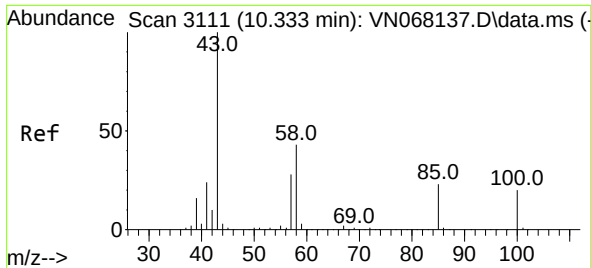


#50  
Toluene-d8  
Concen: 43.924 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54



Tgt Ion: 98 Resp: 991145  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.7 77.5

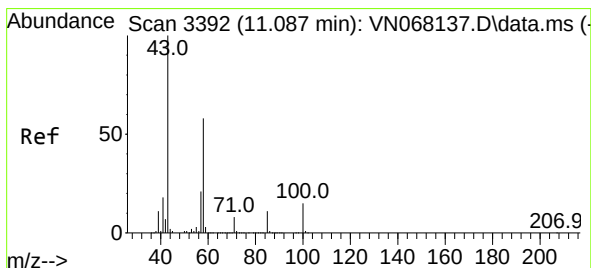
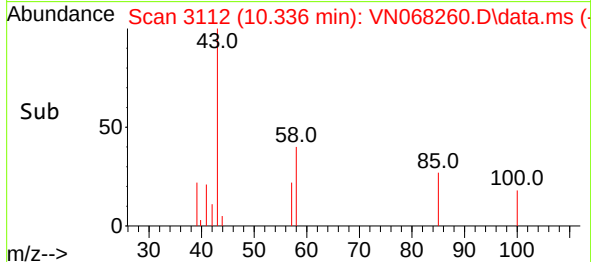
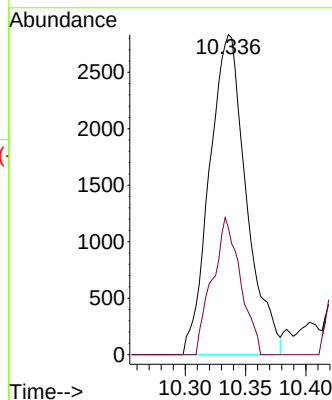
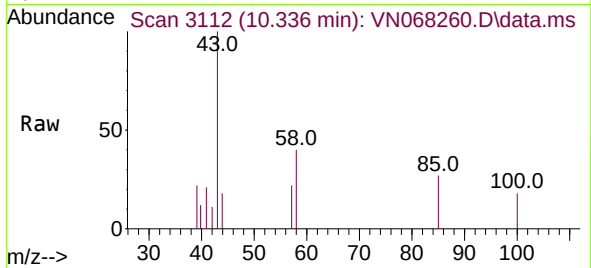




#51  
4-Methyl-2-Pentanone  
Concen: 0.930 ug/l  
RT: 10.336 min Scan# 3112  
Delta R.T. 0.003 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

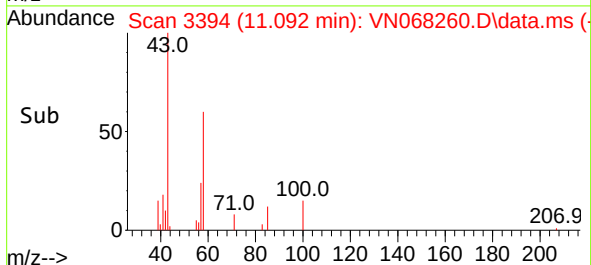
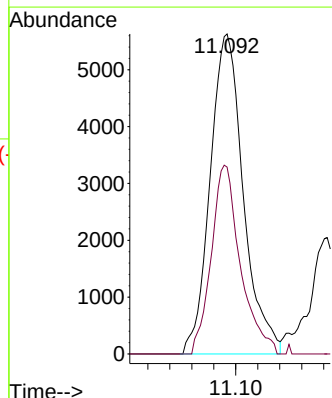
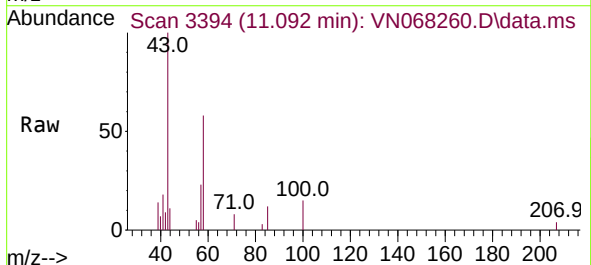
Instrument :  
MSVOA\_N  
ClientSampled :

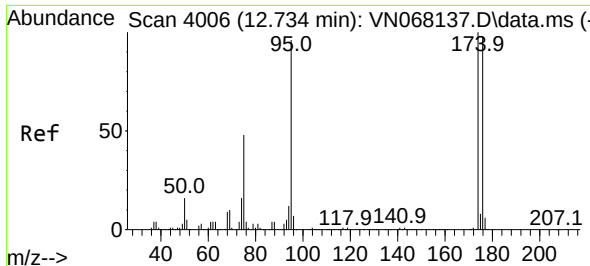
Tgt Ion: 43 Resp: 6012  
Ion Ratio Lower Upper  
43 100  
58 32.7 28.6 43.0



#59  
2-Hexanone  
Concen: 2.629 ug/l  
RT: 11.092 min Scan# 3394  
Delta R.T. 0.005 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

Tgt Ion: 43 Resp: 11799  
Ion Ratio Lower Upper  
43 100  
58 51.8 24.7 74.1

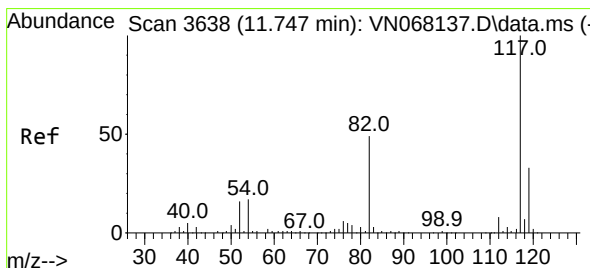
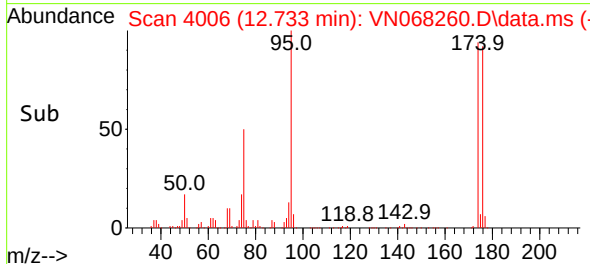
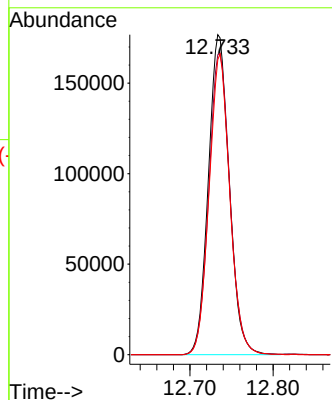
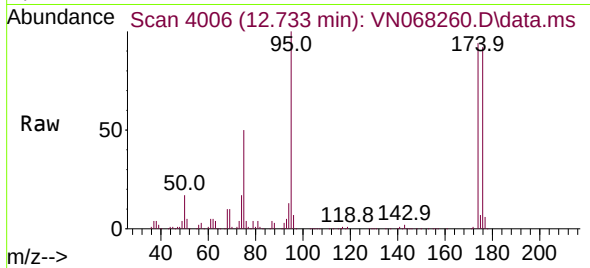




#62  
4-Bromofluorobenzene  
Concen: 41.103 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.001 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

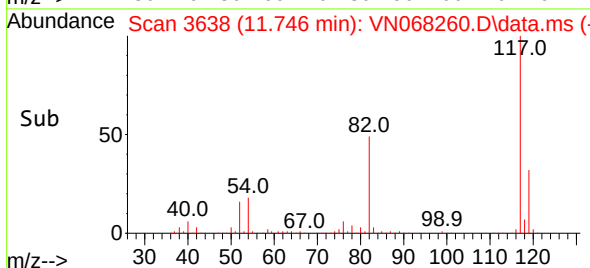
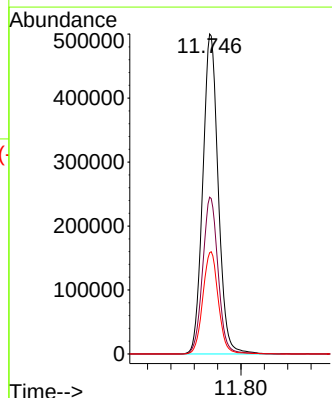
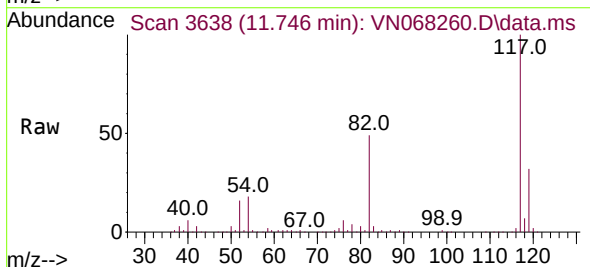
Instrument :  
MSVOA\_N  
ClientSampleId :

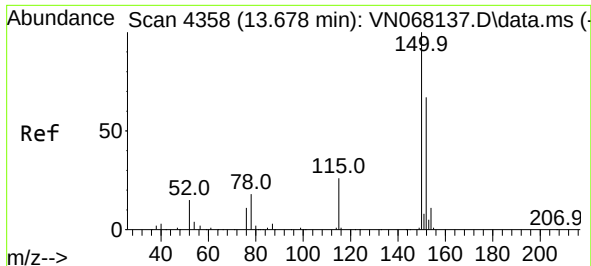
Tgt Ion: 95 Resp: 308758  
Ion Ratio Lower Upper  
95 100  
174 95.3 0.0 122.0  
176 92.8 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.001 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

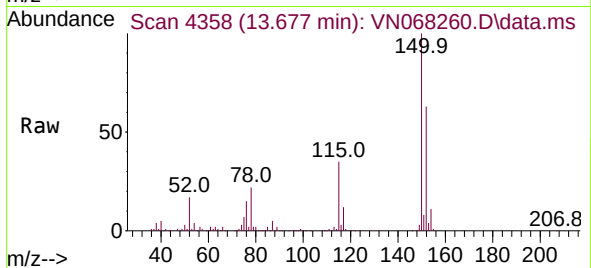
Tgt Ion: 117 Resp: 918041  
Ion Ratio Lower Upper  
117 100  
82 49.0 53.1 79.7#  
119 31.6 25.5 38.3



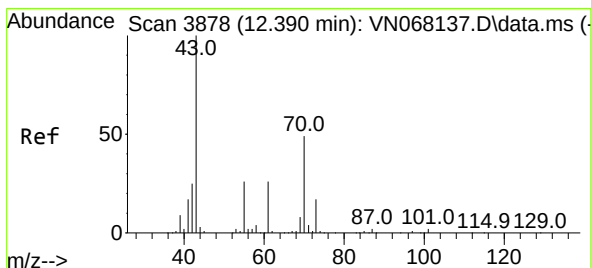
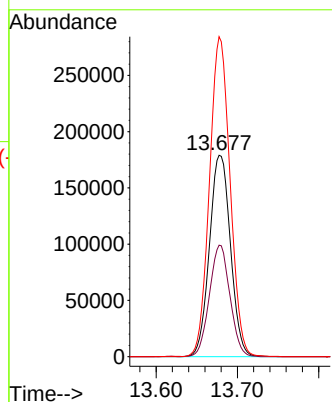
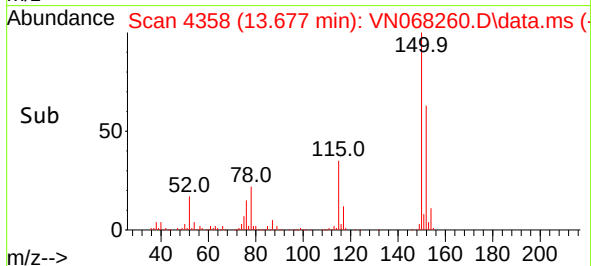


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. -0.001 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

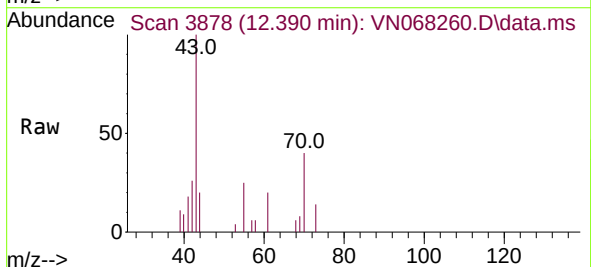
Instrument :  
MSVOA\_N  
ClientSampled :



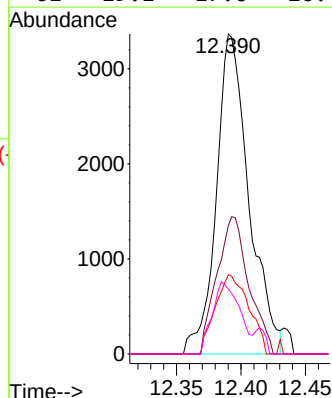
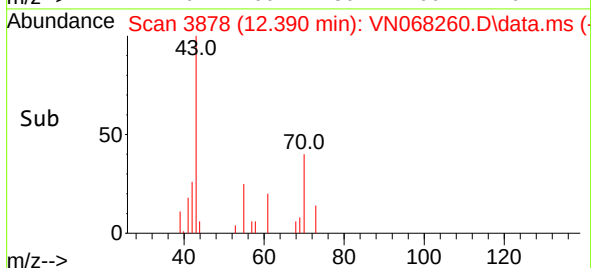
Tgt Ion:152 Resp: 322040  
Ion Ratio Lower Upper  
152 100  
115 53.9 36.1 108.5  
150 155.2 0.0 351.8

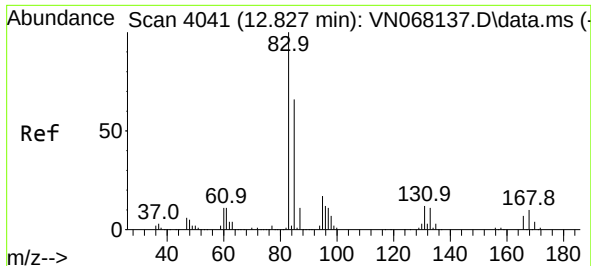


#74  
N-ethyl acetate  
Concen: 0.991 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54



Tgt Ion: 43 Resp: 5910  
Ion Ratio Lower Upper  
43 100  
70 42.1 29.4 44.2  
55 25.5 17.0 25.4#  
61 19.1 17.6 26.4

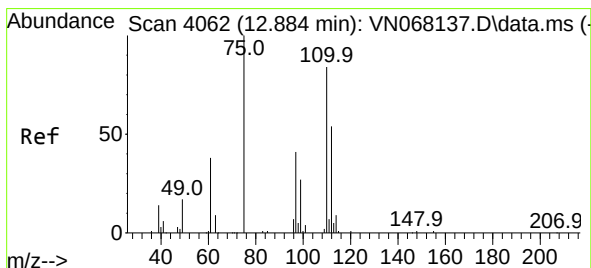
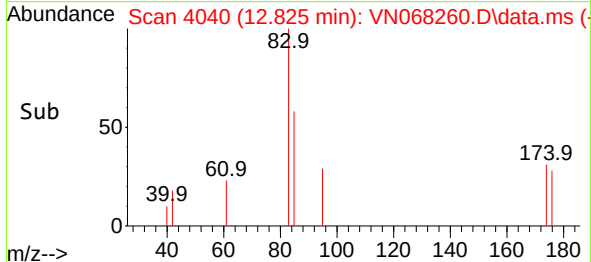
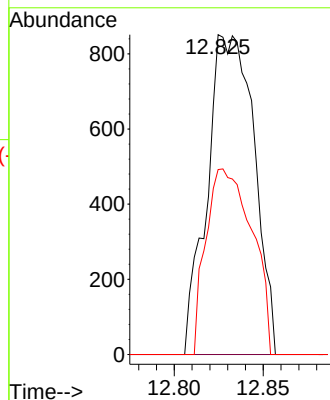
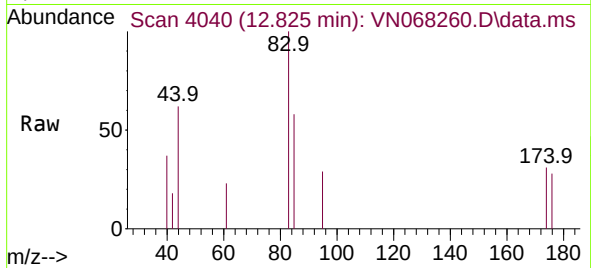




#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.227 ug/l  
RT: 12.825 min Scan# 4040  
Delta R.T. -0.002 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

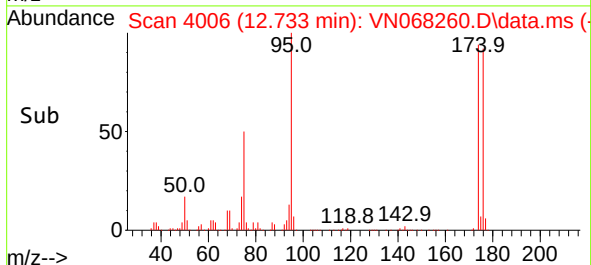
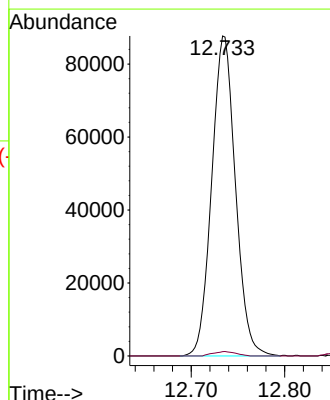
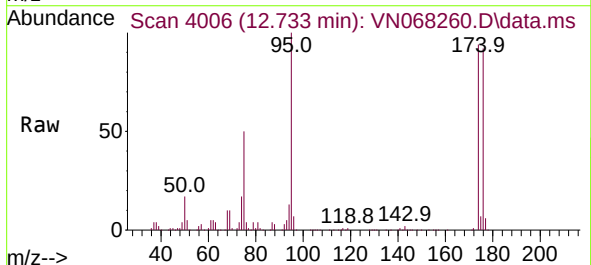
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 83 Resp: 1559  
Ion Ratio Lower Upper  
83 100  
131 0.0 4.8 14.4#  
85 56.9 32.2 96.6

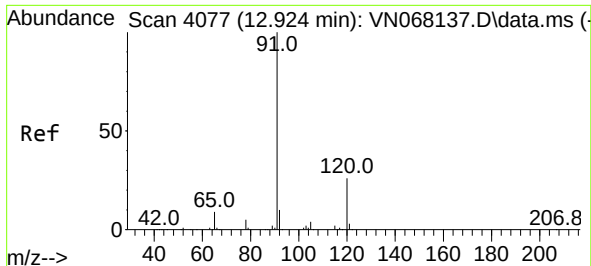


#76  
1,2,3-Trichloropropane  
Concen: 28.884 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.151 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

Tgt Ion: 75 Resp: 154608  
Ion Ratio Lower Upper  
75 100  
77 1.3 0.0 0.0#

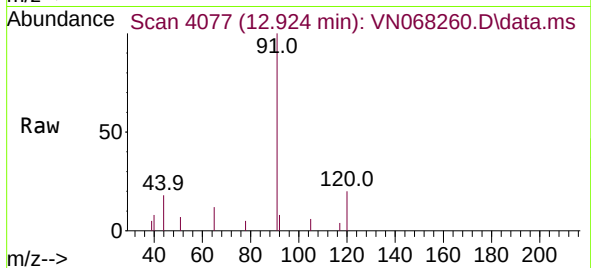




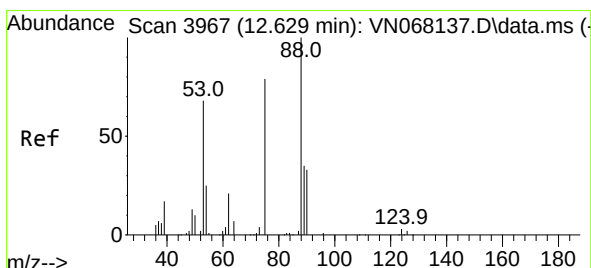
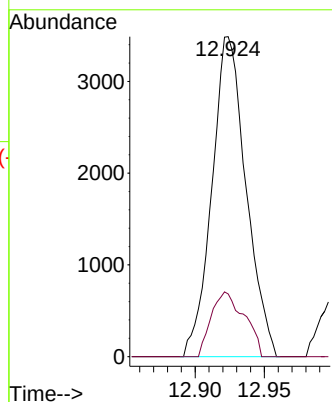
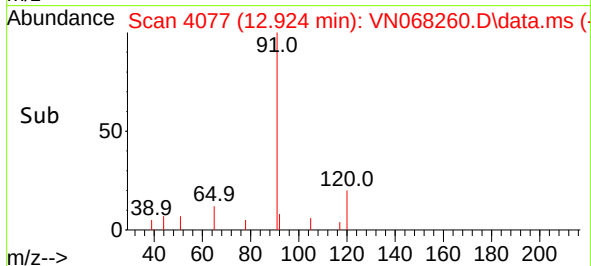


#78  
n-propylbenzene  
Concen: 0.244 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. -0.000 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

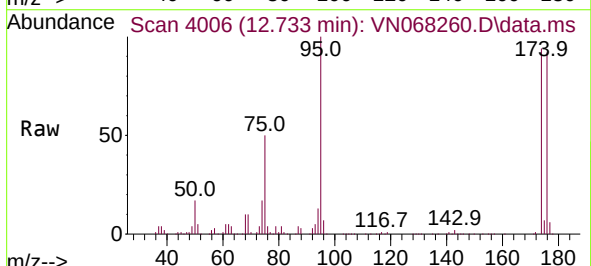
Instrument :  
MSVOA\_N  
ClientSampled :



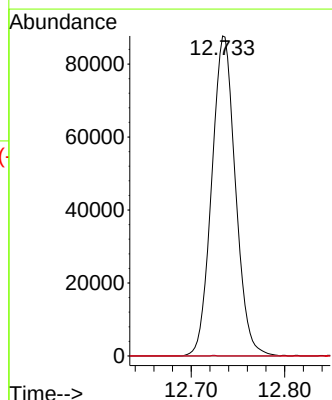
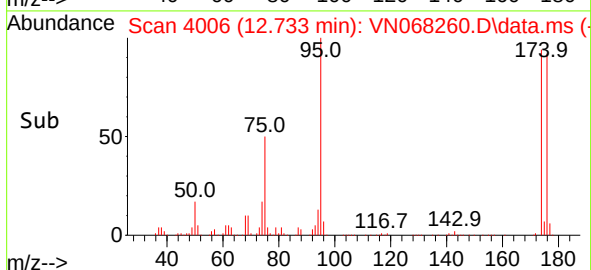
Tgt Ion: 91 Resp: 5987  
Ion Ratio Lower Upper  
91 100  
120 19.6 10.4 31.4

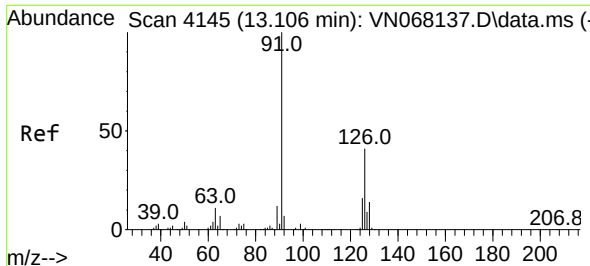


#81  
trans-1,4-Dichloro-2-butene  
Concen: 94.630 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.104 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54



Tgt Ion: 75 Resp: 154608  
Ion Ratio Lower Upper  
75 100  
53 0.0 87.6 131.4#  
89 0.0 37.8 56.8#

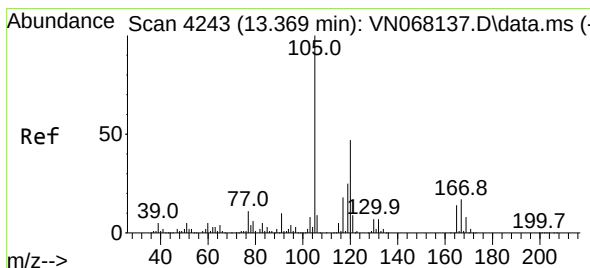
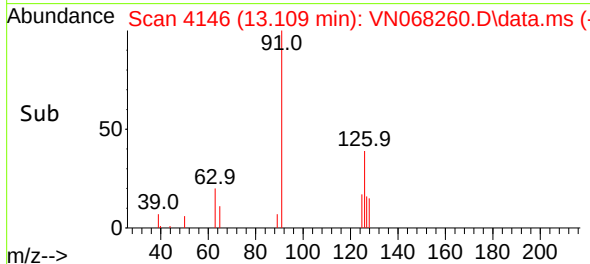
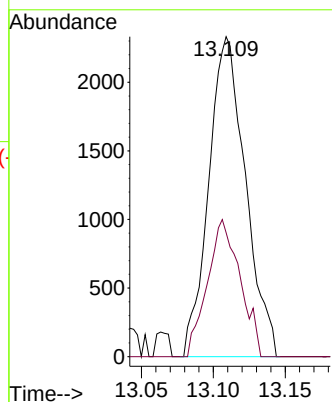
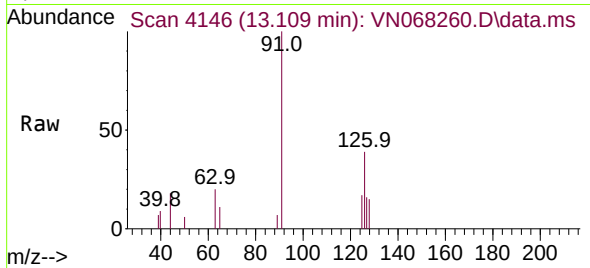




#82  
4-Chlorotoluene  
Concen: 0.281 ug/l  
RT: 13.109 min Scan# 4146  
Delta R.T. 0.003 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

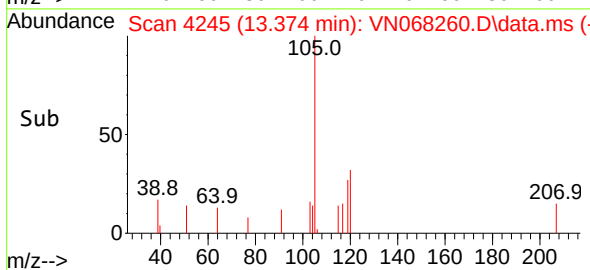
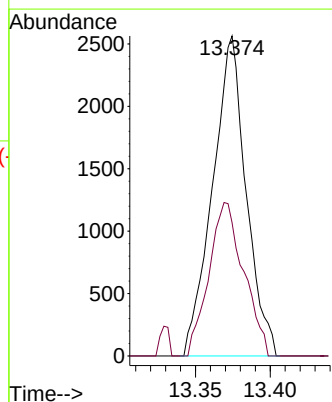
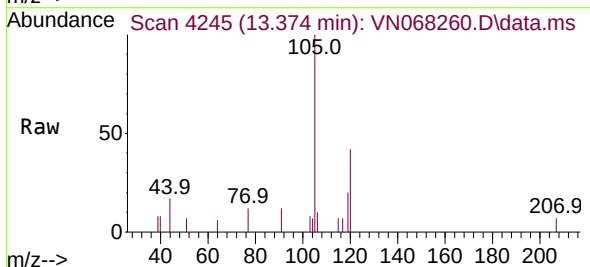
Instrument :  
MSVOA\_N  
ClientSampled :

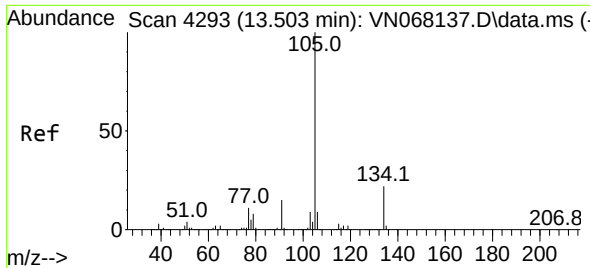
Tgt Ion: 91 Resp: 4140  
Ion Ratio Lower Upper  
91 100  
126 38.1 14.8 44.4



#84  
1,2,4-Trimethylbenzene  
Concen: 0.221 ug/l  
RT: 13.374 min Scan# 4245  
Delta R.T. 0.005 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

Tgt Ion: 105 Resp: 3999  
Ion Ratio Lower Upper  
105 100  
120 49.7 20.6 61.8

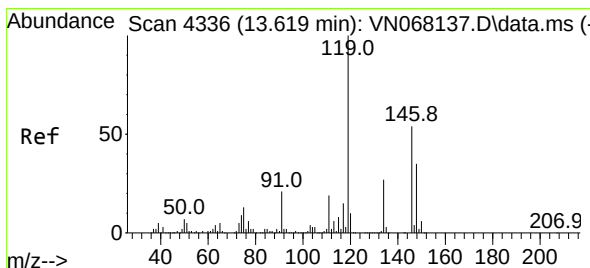
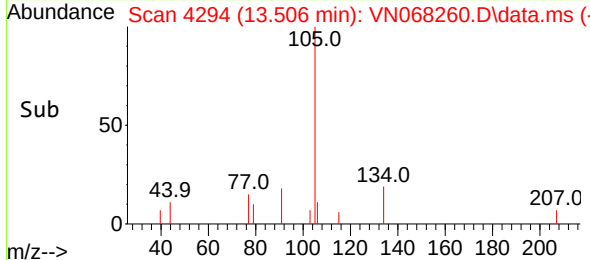
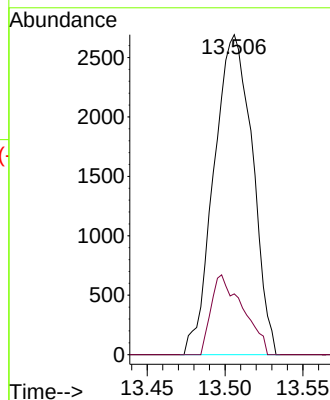
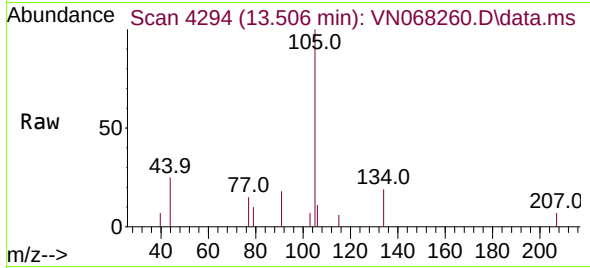




#85  
 sec-Butylbenzene  
 Concen: 0.213 ug/l  
 RT: 13.506 min Scan# 4294  
 Delta R.T. 0.003 min  
 Lab File: VN068260.D  
 Acq: 23 Aug 2021 10:54

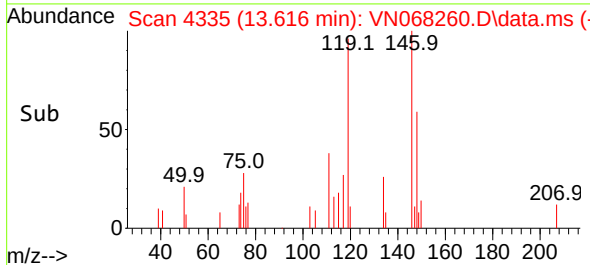
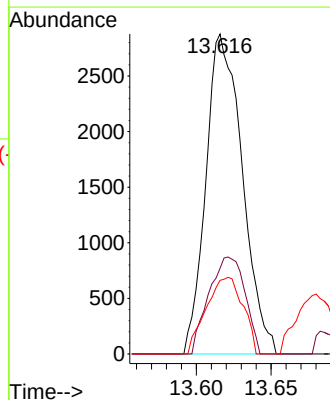
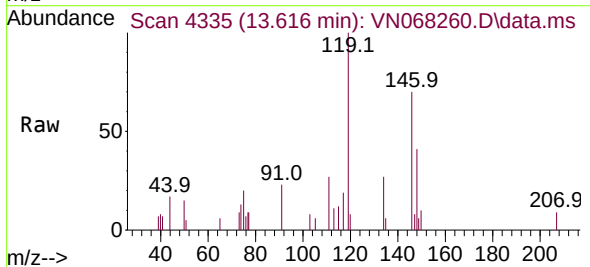
Instrument :  
 MSVOA\_N  
 ClientSampled :

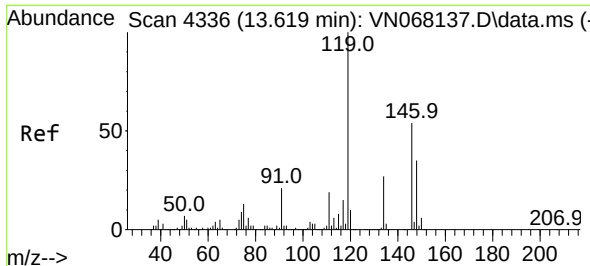
Tgt Ion:105 Resp: 4618  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 9.0 27.1



#86  
 p-Isopropyltoluene  
 Concen: 0.272 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. -0.003 min  
 Lab File: VN068260.D  
 Acq: 23 Aug 2021 10:54

Tgt Ion:119 Resp: 4872  
 Ion Ratio Lower Upper  
 119 100  
 134 30.2 12.4 37.4  
 91 24.1 14.8 44.3

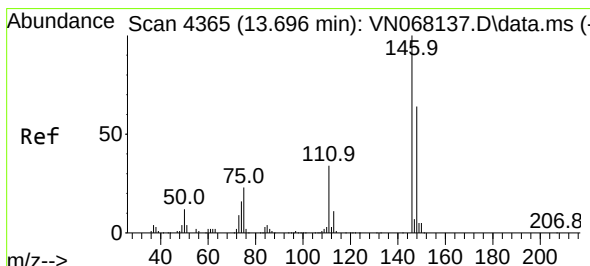
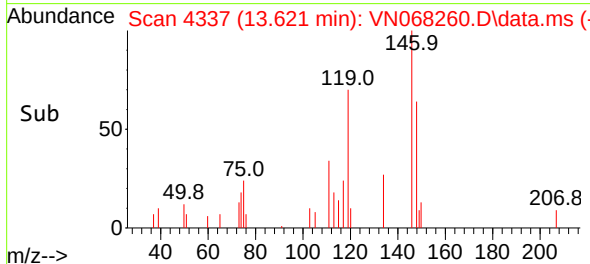
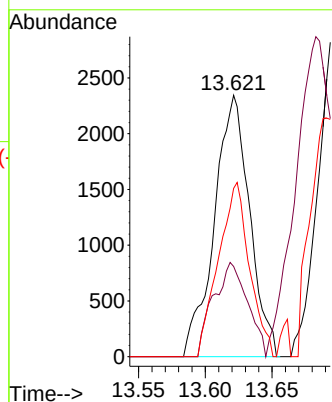
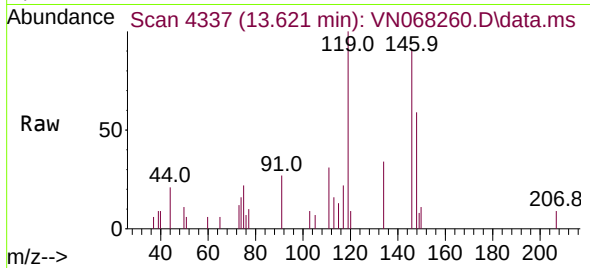




#87  
1,3-Dichlorobenzene  
Concen: 0.401 ug/l  
RT: 13.621 min Scan# 4337  
Delta R.T. 0.002 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

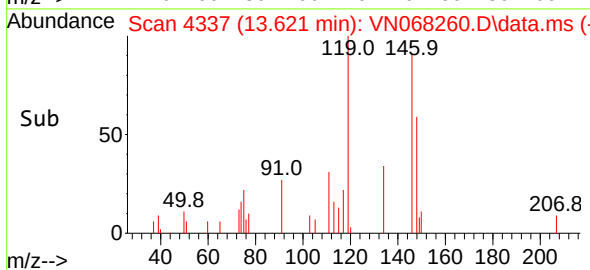
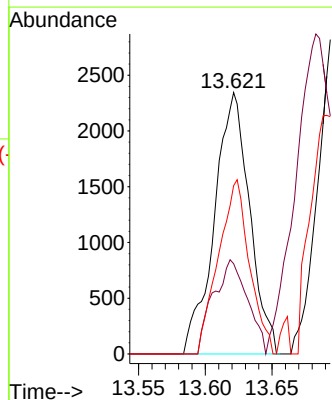
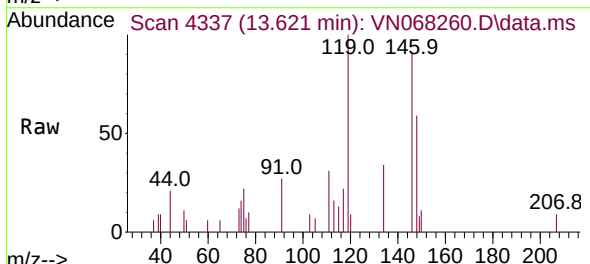
Instrument :  
MSVOA\_N  
ClientSampled :

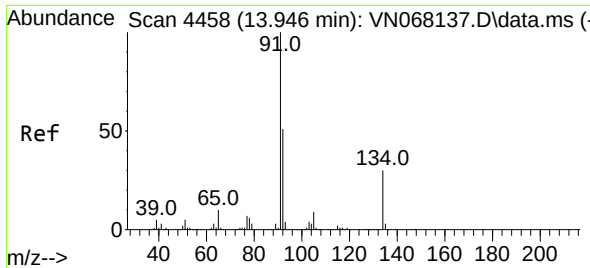
Tgt Ion:146 Resp: 4310  
Ion Ratio Lower Upper  
146 100  
111 34.8 24.3 72.8  
148 58.5 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 0.395 ug/l  
RT: 13.621 min Scan# 4337  
Delta R.T. -0.075 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

Tgt Ion:146 Resp: 4310  
Ion Ratio Lower Upper  
146 100  
111 34.8 23.4 70.2  
148 58.5 31.8 95.3

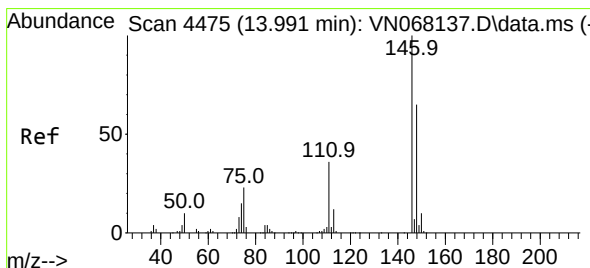
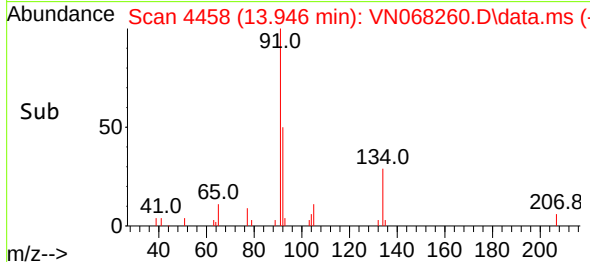
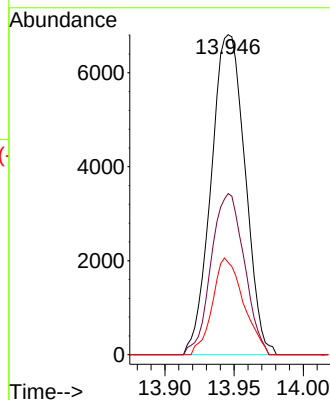
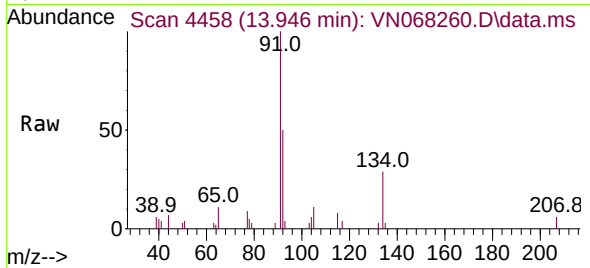




#89  
n-Butylbenzene  
Concen: 0.871 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

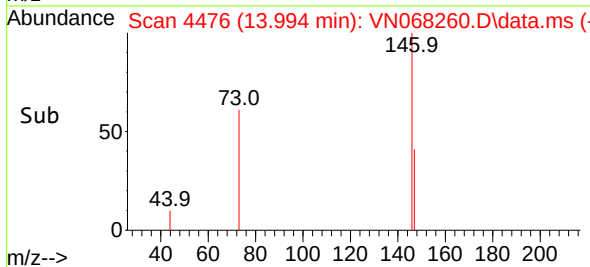
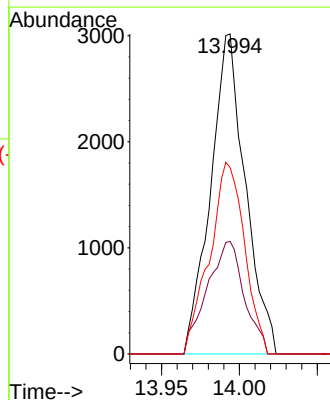
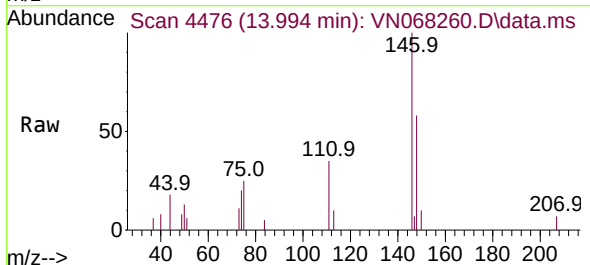
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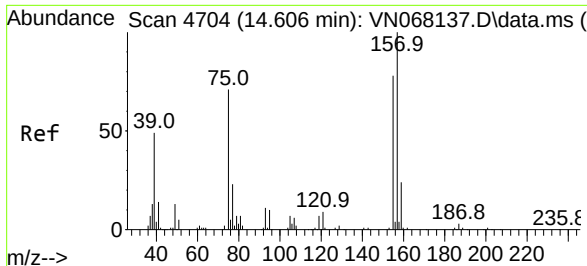
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 11613 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 49.2  | 25.7  | 77.1  |
| 134      | 27.7  | 11.2  | 33.6  |



#91  
1,2-Dichlorobenzene  
Concen: 0.457 ug/l  
RT: 13.994 min Scan# 4476  
Delta R.T. 0.003 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 4684  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 37.6  | 24.9  | 74.6  |
| 148      | 60.3  | 31.6  | 95.0  |

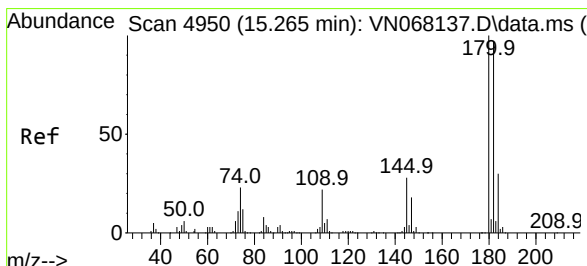
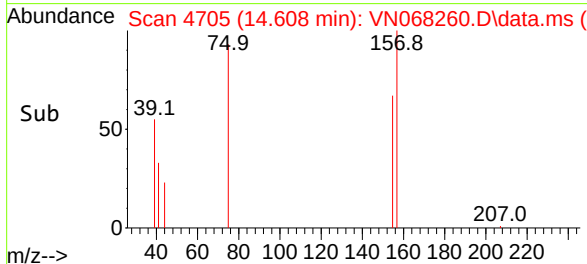
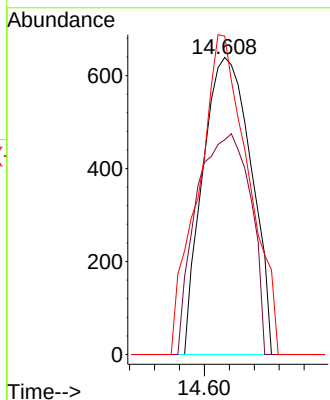
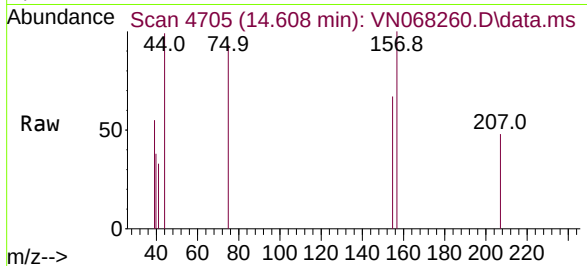




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.827 ug/l  
RT: 14.608 min Scan# 4705  
Delta R.T. 0.002 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

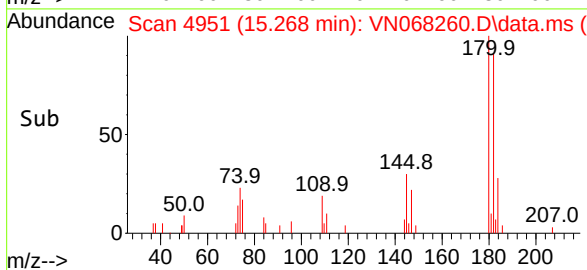
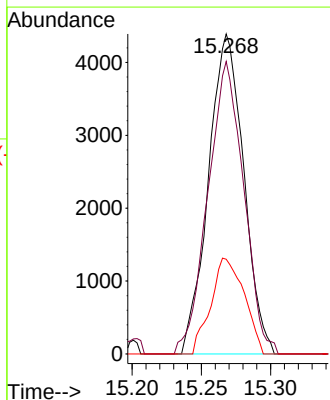
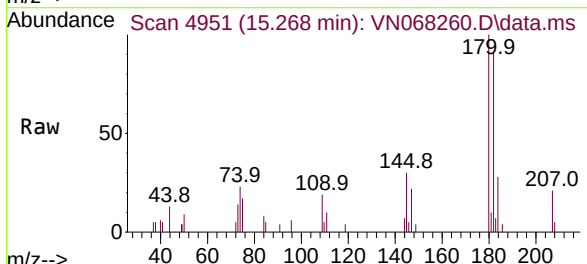
Instrument :  
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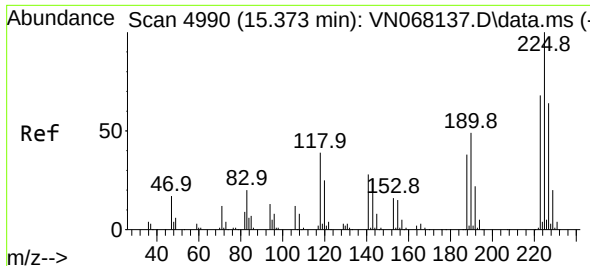
Tgt Ion: 75 Resp: 860  
Ion Ratio Lower Upper  
75 100  
155 82.9 29.8 89.5  
157 111.3 37.6 112.8



#93  
1,2,4-Trichlorobenzene  
Concen: 4.055 ug/l  
RT: 15.268 min Scan# 4951  
Delta R.T. 0.003 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

Tgt Ion: 180 Resp: 7779  
Ion Ratio Lower Upper  
180 100  
182 92.7 47.5 142.5  
145 28.3 17.2 51.6

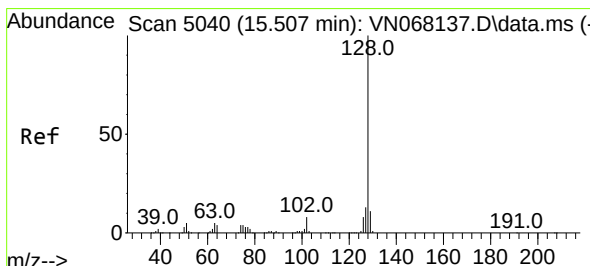
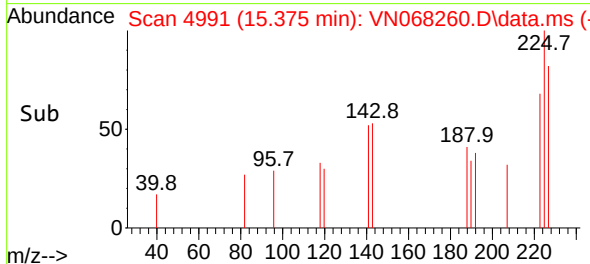
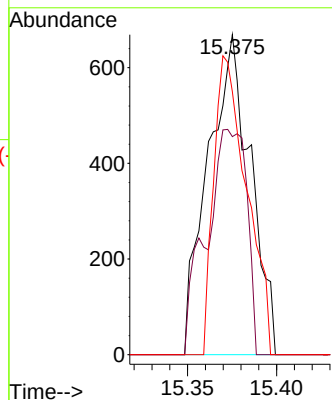
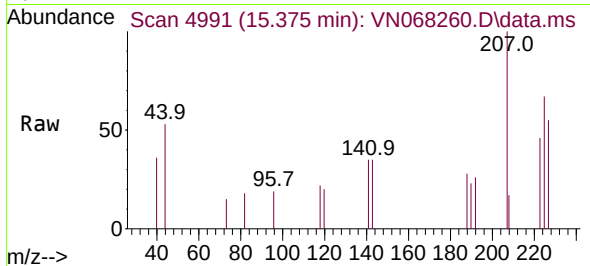




#94  
Hexachlorobutadiene  
Concen: 0.399 ug/l  
RT: 15.375 min Scan# 4991  
Delta R.T. 0.002 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

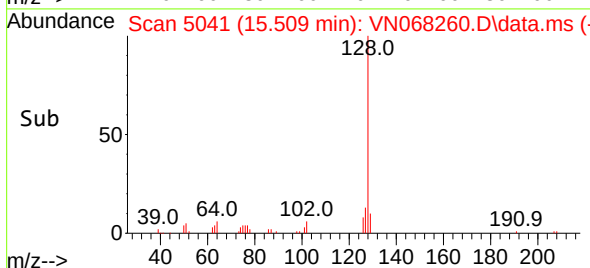
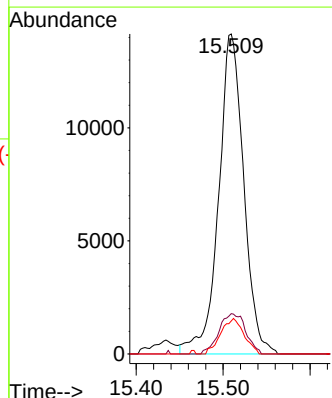
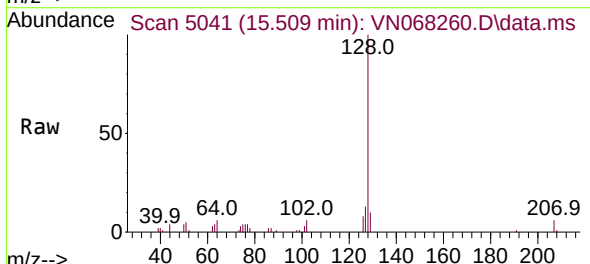
Instrument :  
MSVOA\_N  
ClientSampled :

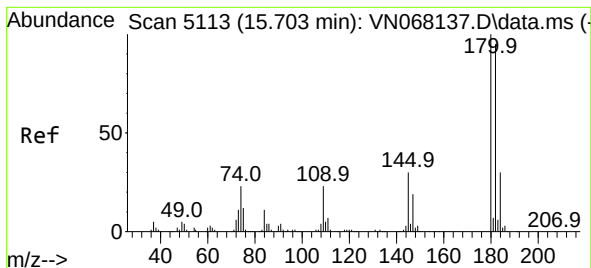
Tgt Ion:225 Resp: 1108  
Ion Ratio Lower Upper  
225 100  
223 67.0 31.4 94.0  
227 72.4 31.2 93.6



#95  
Naphthalene  
Concen: 5.439 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN068260.D  
Acq: 23 Aug 2021 10:54

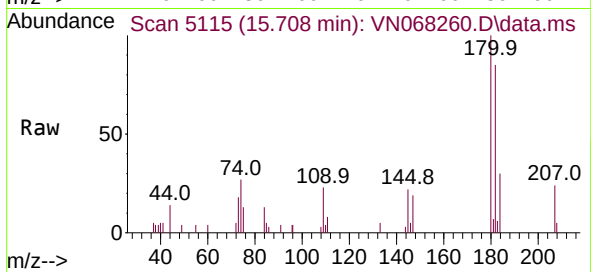
Tgt Ion:128 Resp: 28381  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.6 15.8  
129 10.3 8.6 12.8





#96  
 1,2,3-Trichlorobenzene  
 Concen: 4.542 ug/l  
 RT: 15.708 min Scan# 5115  
 Delta R.T. 0.005 min  
 Lab File: VN068260.D  
 Acq: 23 Aug 2021 10:54

Instrument :  
 MSVOA\_N  
 ClientSampled :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 9251  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.8  | 47.8  | 143.3 |
| 145       | 26.7  | 18.2  | 54.6  |

