

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112122\  
 Data File : VN075347.D  
 Acq On : 21 Nov 2022 17:21  
 Operator : JC\MD  
 Sample : VN1121MBL02  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1121MBL02

Quant Time: Nov 22 08:19:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 08:17:11 2022  
 Response via : Initial Calibration

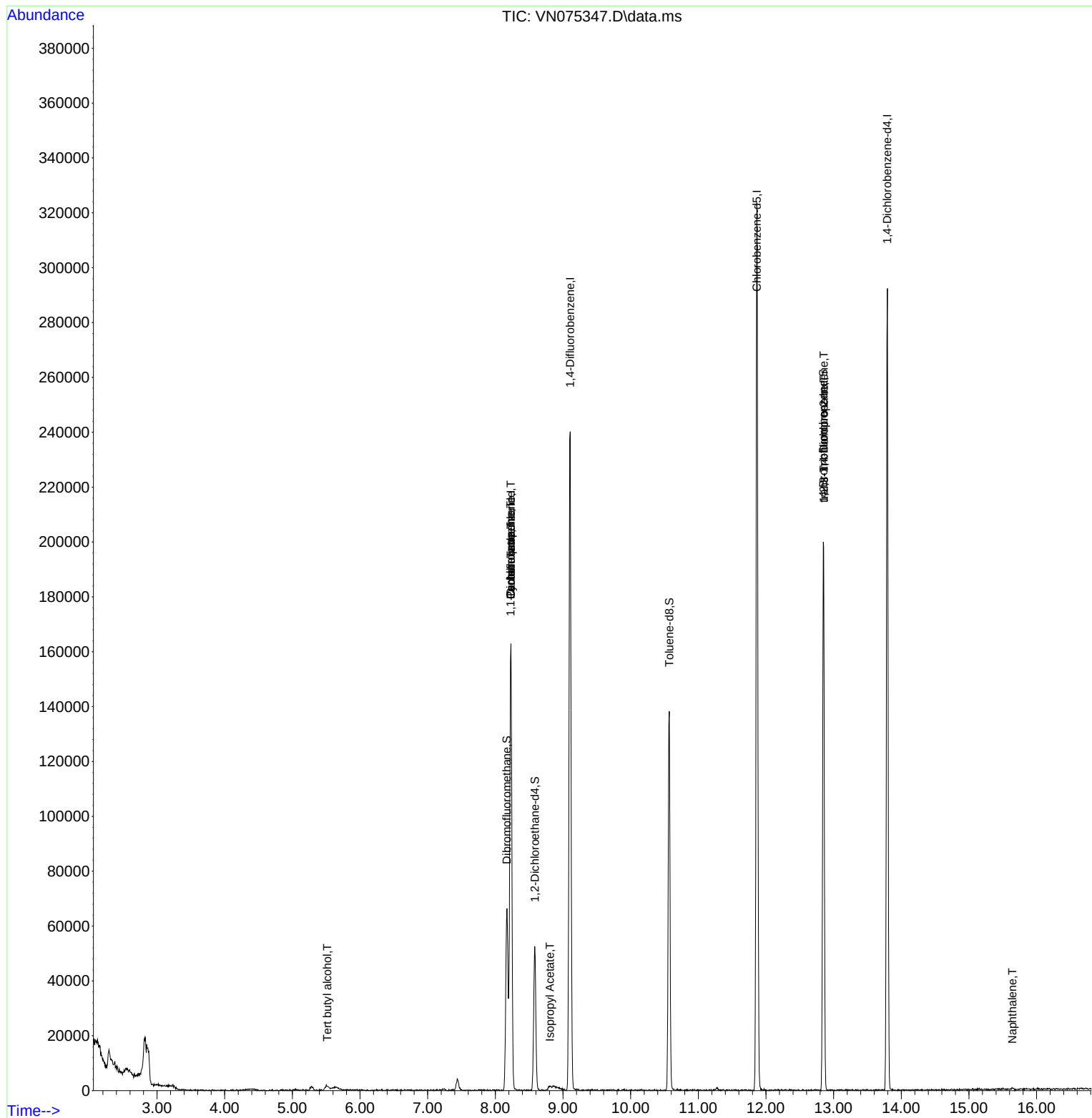
| Compound                      | R.T. QIon |       | Response | Conc      | Units       | Dev(Min) |
|-------------------------------|-----------|-------|----------|-----------|-------------|----------|
| -----                         |           |       |          |           |             |          |
| Internal Standards            |           |       |          |           |             |          |
| 1) Pentafluorobenzene         | 8.230     | 168   | 123487   | 50.000    | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106     | 114   | 223682   | 50.000    | ug/l        | 0.00     |
| 63) Chlorobenzene-d5          | 11.865    | 117   | 196716   | 50.000    | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794    | 152   | 80995    | 50.000    | ug/l        | 0.00     |
| System Monitoring Compounds   |           |       |          |           |             |          |
| 33) 1,2-Dichloroethane-d4     | 8.583     | 65    | 42204    | 63.669    | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 74 - 125 | Recovery  | = 127.340%# |          |
| 35) Dibromofluoromethane      | 8.171     | 113   | 49597    | 56.444    | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery  | = 112.880%  |          |
| 50) Toluene-d8                | 10.571    | 98    | 101539   | 51.306    | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 86 - 113 | Recovery  | = 102.620%  |          |
| 62) 4-Bromofluorobenzene      | 12.847    | 95    | 70712    | 48.407    | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery  | = 96.820%   |          |
| Target Compounds              |           |       |          |           |             |          |
|                               |           |       |          |           | Qvalue      |          |
| 6) Chloroethane               | 3.136     | 64    | 469      | Below Cal | #           | 45       |
| 11) Tert butyl alcohol        | 5.518     | 59    | 1447     | 5.200     | ug/l #      | 72       |
| 18) Methyl Acetate            | 5.042     | 43    | 433      | Below Cal | #           | 47       |
| 20) Methylene Chloride        | 5.283     | 84    | 1380     | Below Cal | #           | 74       |
| 31) Cyclohexane               | 8.230     | 56    | 2338     | 1.110     | ug/l #      | 15       |
| 36) 1,1-Dichloropropene       | 8.224     | 75    | 9513     | 4.964     | ug/l #      | 49       |
| 38) Carbon Tetrachloride      | 8.230     | 117   | 12472    | 5.925     | ug/l #      | 15       |
| 43) Isopropyl Acetate         | 8.806     | 43    | 1370     | 0.495     | ug/l #      | 53       |
| 76) 1,2,3-Trichloropropane    | 12.853    | 75    | 36508    | 23.840    | ug/l #      | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853    | 75    | 36508    | 70.536    | ug/l #      | 10       |
| 95) Naphthalene               | 15.641    | 128   | 969      | 0.223     | ug/l #      | 69       |
| -----                         |           |       |          |           |             |          |

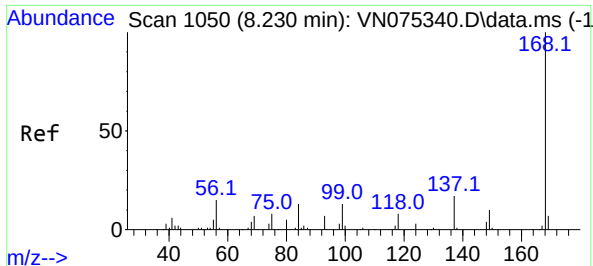
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112122\  
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Sample : VN1121MBL02  
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 22 08:17:11 2022  
Response via : Initial Calibration





#1  
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075347.D

Acq: 21 Nov 2022 17:21

Instrument :

MSVOA\_N

ClientSampleId :

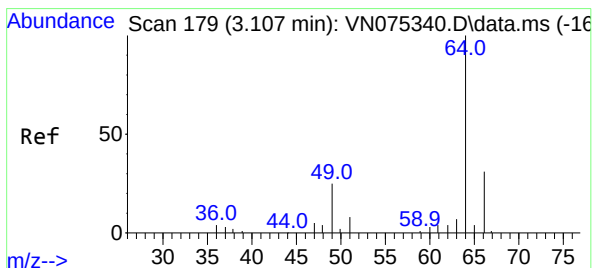
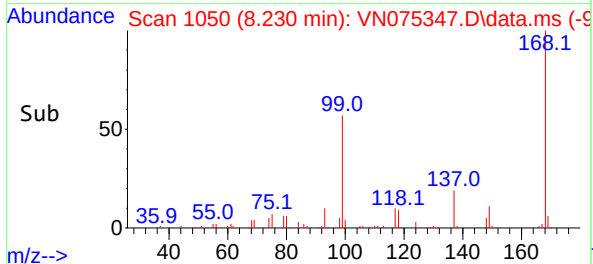
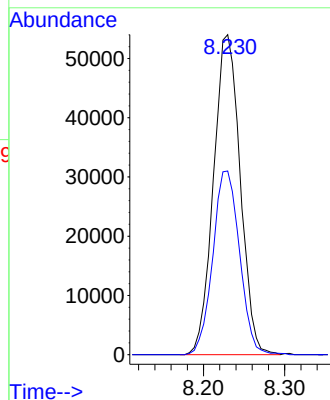
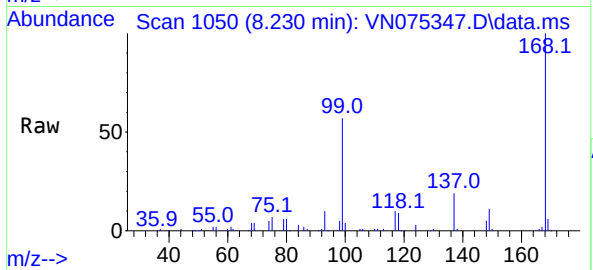
VN1121MBL02

Tgt Ion:168 Resp: 123487

Ion Ratio Lower Upper

168 100

99 57.4 51.6 77.4



#6

Chloroethane

Concen: Below Cal

RT: 3.136 min Scan# 184

Delta R.T. 0.029 min

Lab File: VN075347.D

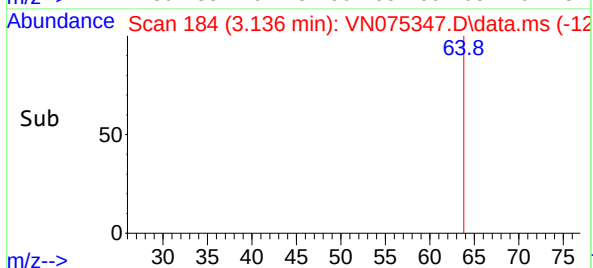
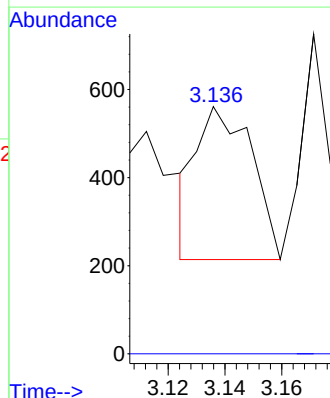
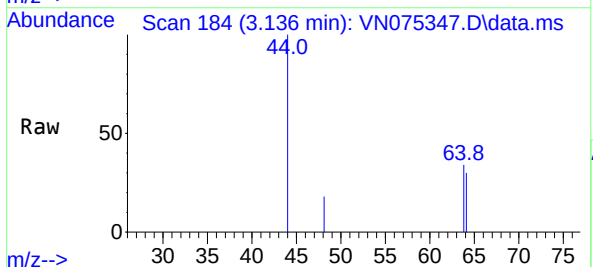
Acq: 21 Nov 2022 17:21

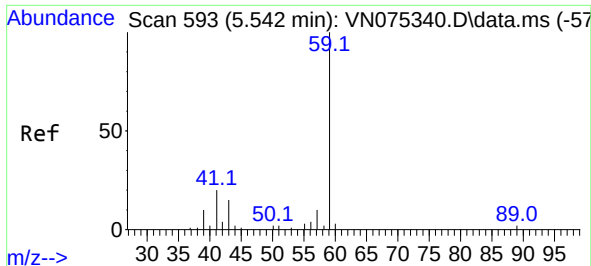
Tgt Ion: 64 Resp: 469

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.8#





#11

Tert butyl alcohol

Concen: 5.200 ug/l

RT: 5.518 min Scan# 508

Delta R.T. -0.024 min

Lab File: VN075347.D

Acq: 21 Nov 2022 17:21

Instrument :

MSVOA\_N

ClientSampleId :

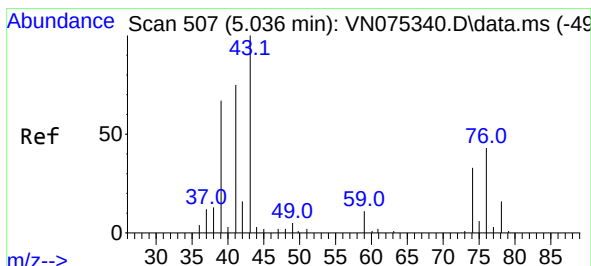
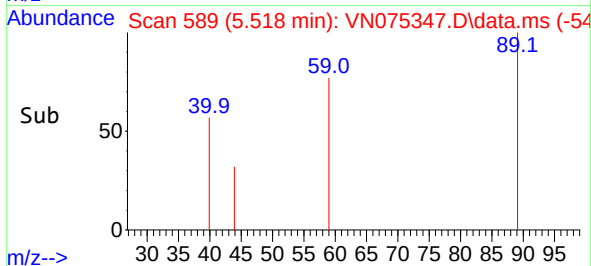
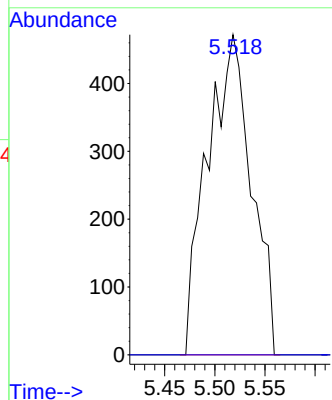
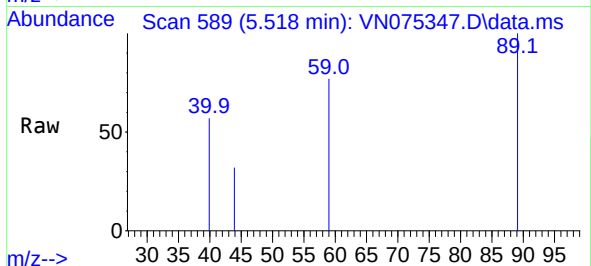
VN1121MBL02

Tgt Ion: 59 Resp: 1447

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.042 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN075347.D

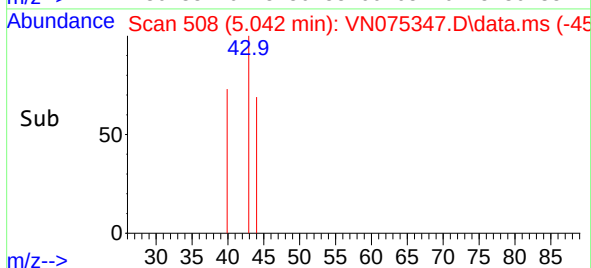
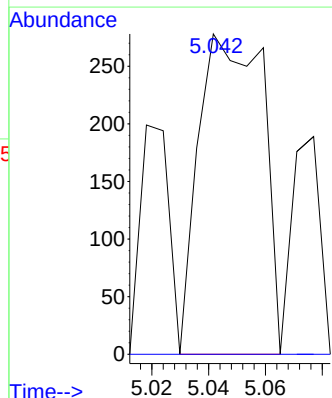
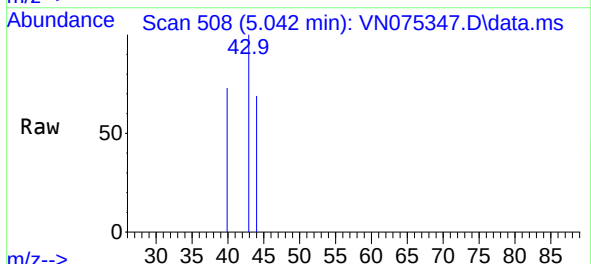
Acq: 21 Nov 2022 17:21

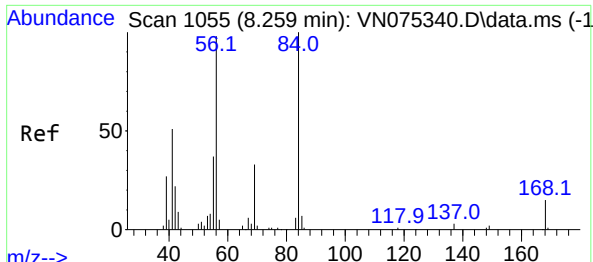
Tgt Ion: 43 Resp: 433

Ion Ratio Lower Upper

43 100

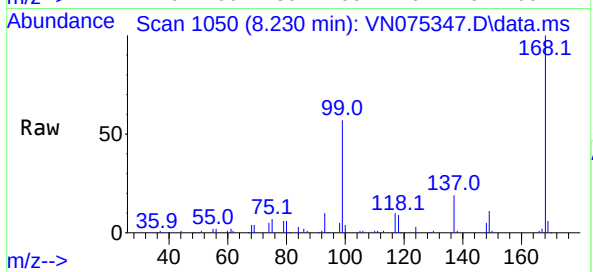
74 0.0 22.0 33.0#



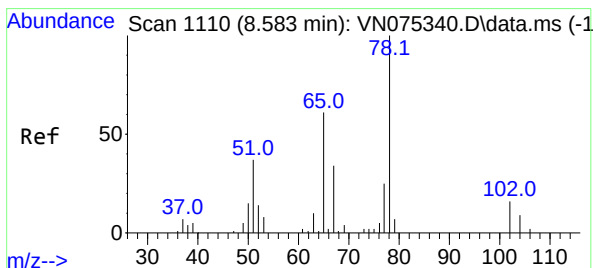
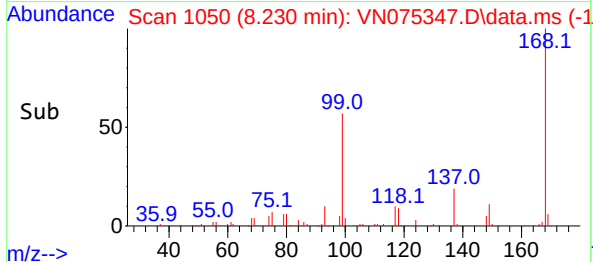
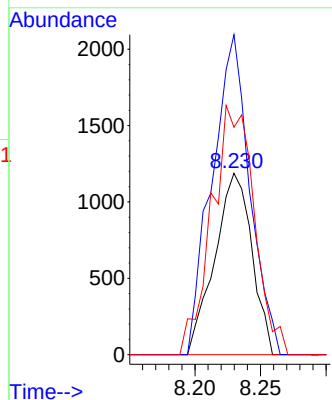


#31  
Cyclohexane  
Concen: 1.110 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.029 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1121MBL02

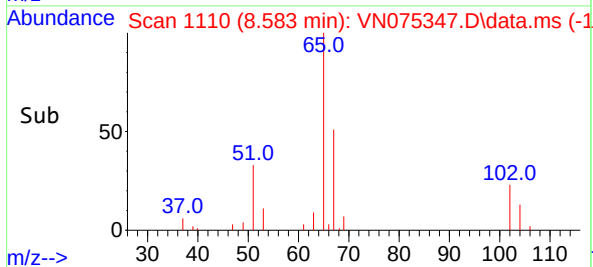
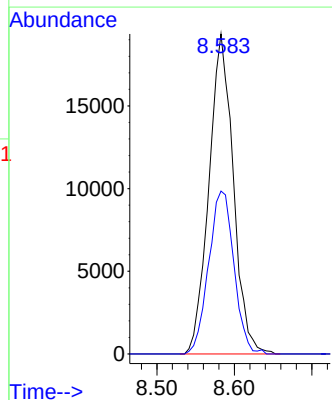
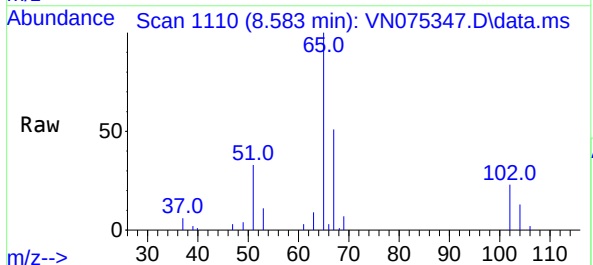


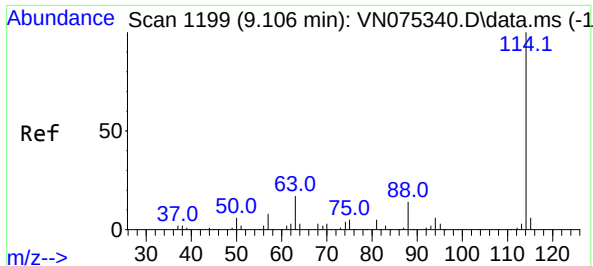
Tgt Ion: 56 Resp: 2338  
Ion Ratio Lower Upper  
56 100  
69 176.3 25.2 37.8#  
84 125.3 77.8 116.8#



#33  
1,2-Dichloroethane-d4  
Concen: 63.669 ug/l  
RT: 8.583 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

Tgt Ion: 65 Resp: 42204  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 102.0

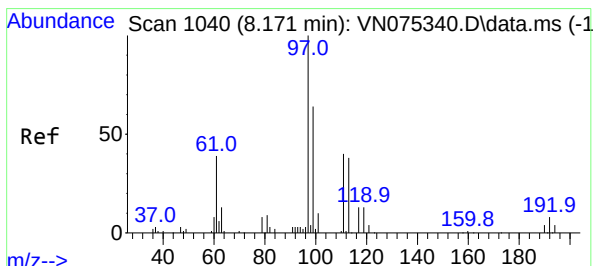
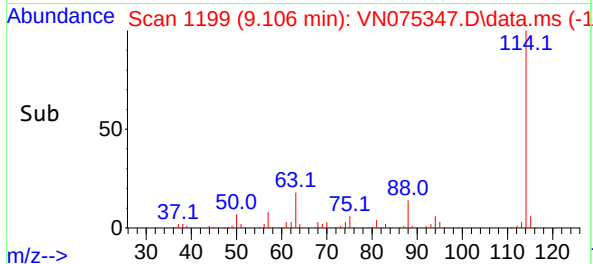
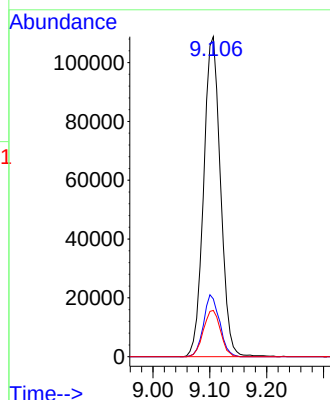
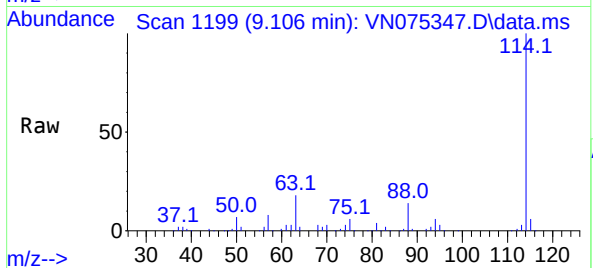




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

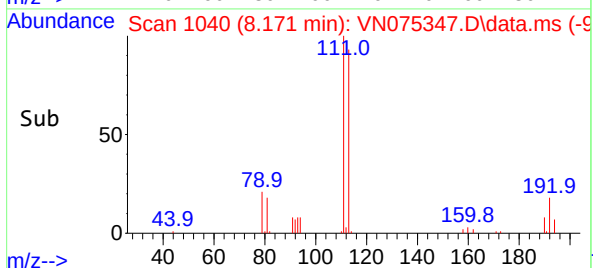
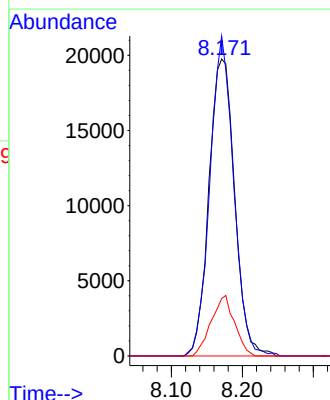
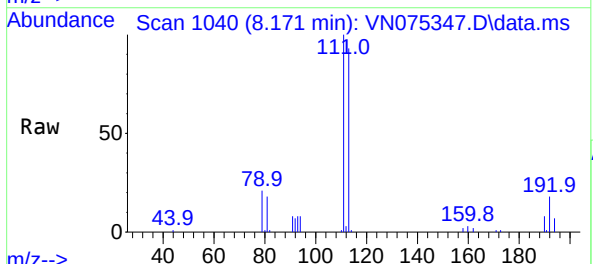
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1121MBL02

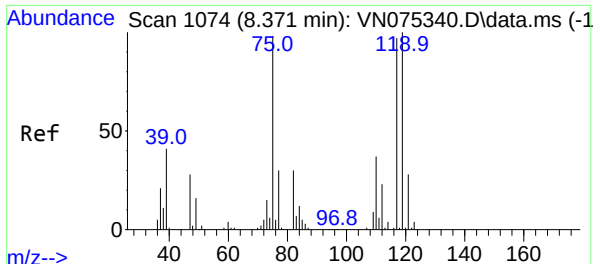
Tgt Ion:114 Resp: 223682  
Ion Ratio Lower Upper  
114 100  
63 18.1 0.0 39.6  
88 14.4 0.0 29.0



#35  
Dibromofluoromethane  
Concen: 56.444 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

Tgt Ion:113 Resp: 49597  
Ion Ratio Lower Upper  
113 100  
111 99.7 80.5 120.7  
192 18.5 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.964 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075347.D

Acq: 21 Nov 2022 17:21

Instrument :

MSVOA\_N

ClientSampleId :

VN1121MBL02

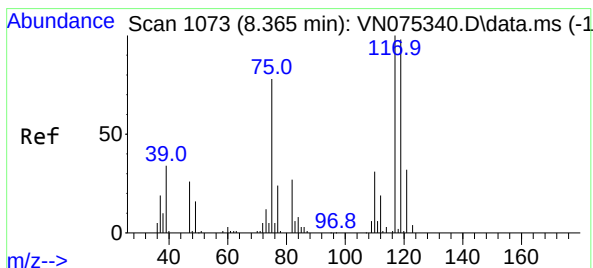
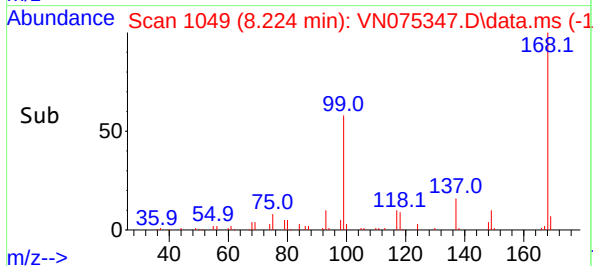
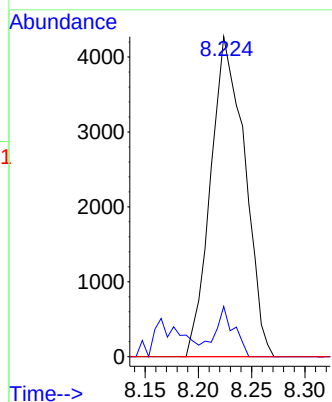
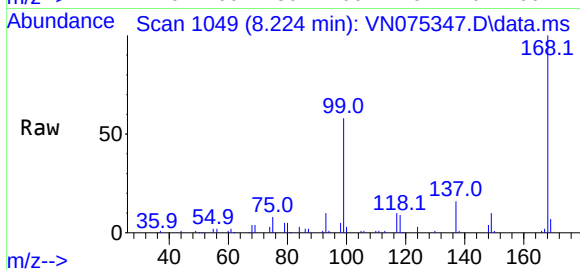
Tgt Ion: 75 Resp: 9513

Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.925 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075347.D

Acq: 21 Nov 2022 17:21

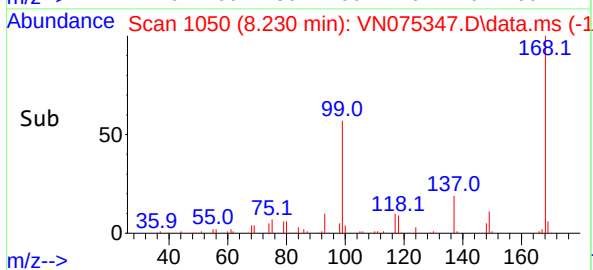
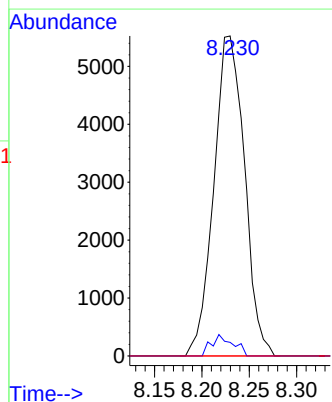
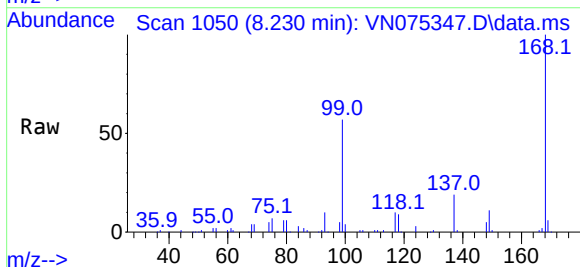
Tgt Ion: 117 Resp: 12472

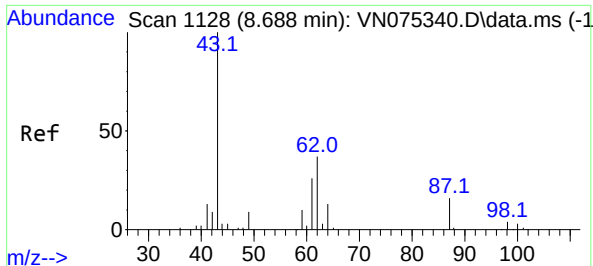
Ion Ratio Lower Upper

117 100

119 4.2 76.7 115.1#

121 0.0 23.9 35.9#

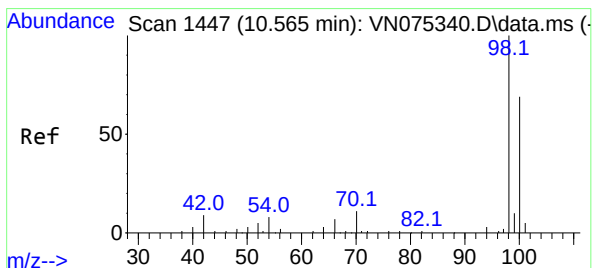
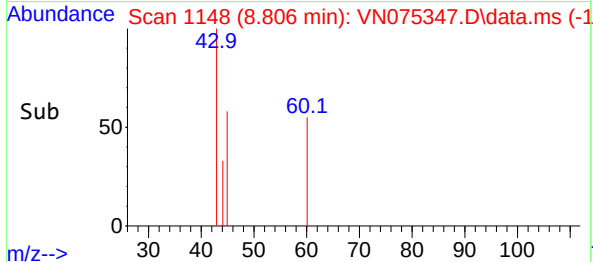
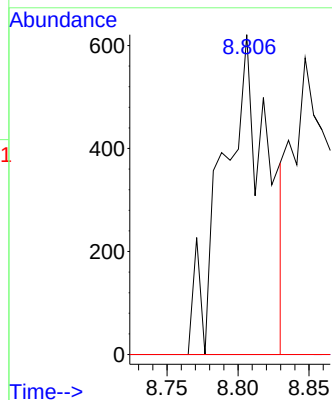
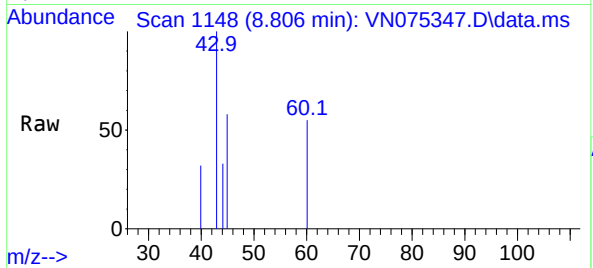




#43  
Isopropyl Acetate  
Concen: 0.495 ug/l  
RT: 8.806 min Scan# 1128  
Delta R.T. 0.118 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

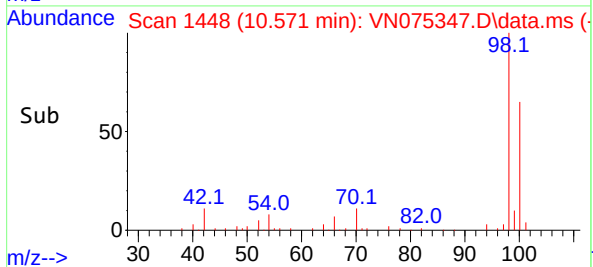
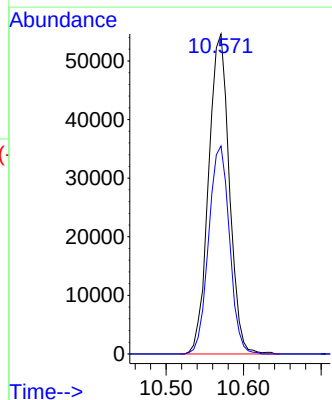
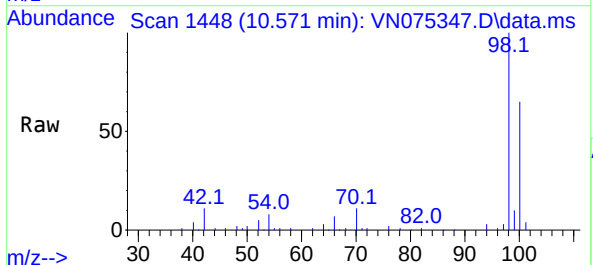
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VN1121MBL02

Tgt Ion: 43 Resp: 1370  
Ion Ratio Lower Upper  
43 100  
61 0.0 22.4 33.6#  
87 0.0 12.5 18.7#

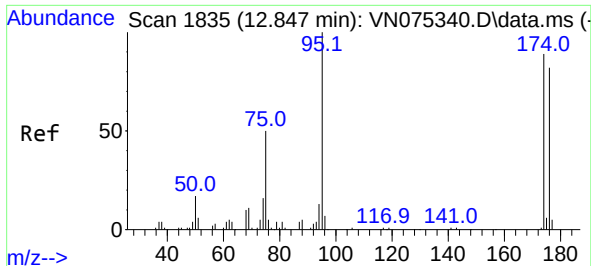


#50  
Toluene-d8  
Concen: 51.306 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

Tgt Ion: 98 Resp: 101539  
Ion Ratio Lower Upper  
98 100  
100 65.2 53.0 79.6



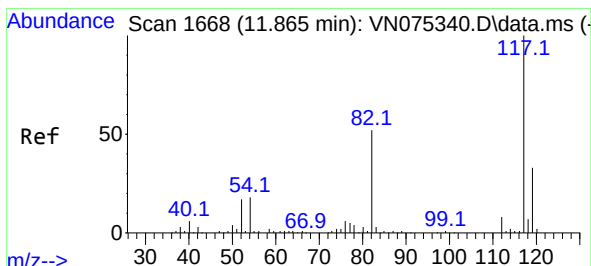
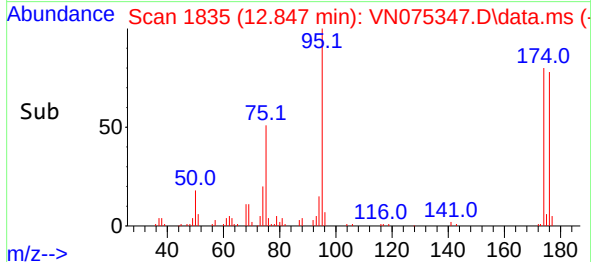
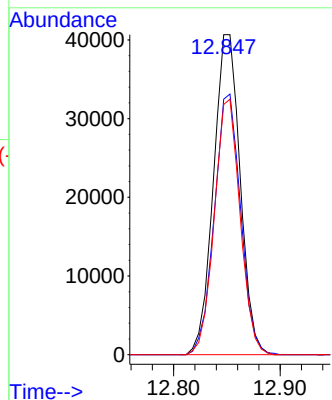
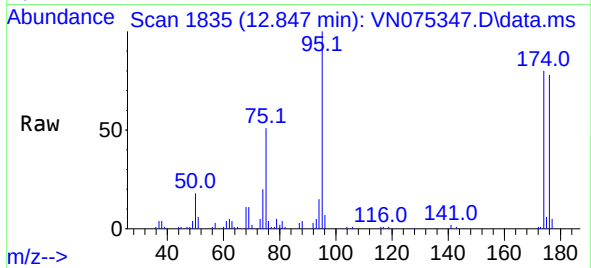




#62  
4-Bromofluorobenzene  
Concen: 48.407 ug/l  
RT: 12.847 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

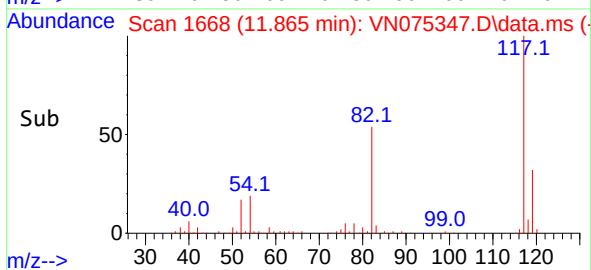
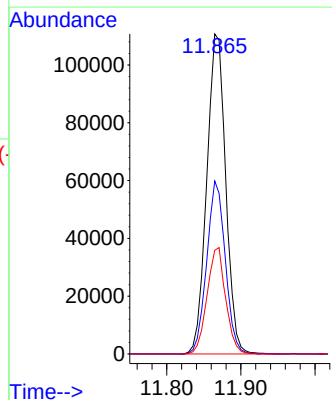
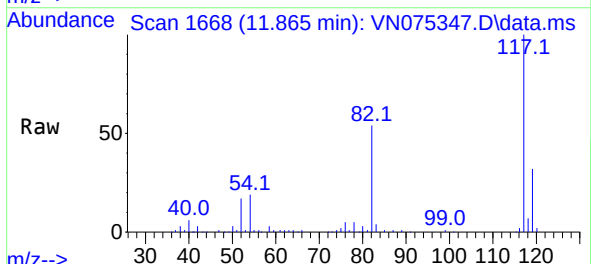
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1121MBL02

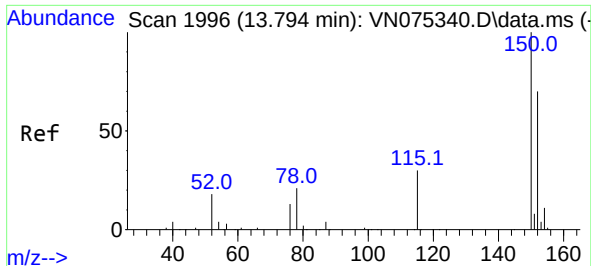
Tgt Ion: 95 Resp: 70712  
Ion Ratio Lower Upper  
95 100  
174 80.2 0.0 147.4  
176 77.0 0.0 142.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

Tgt Ion: 117 Resp: 196716  
Ion Ratio Lower Upper  
117 100  
82 54.0 43.1 64.7  
119 32.4 25.5 38.3

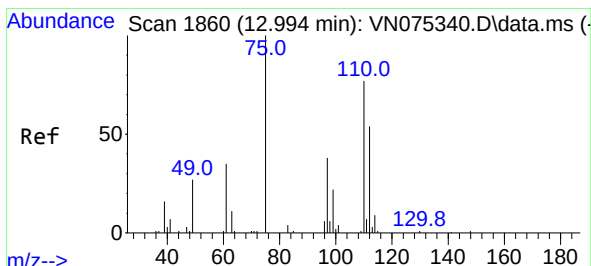
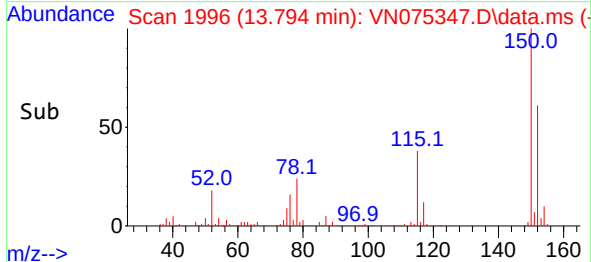
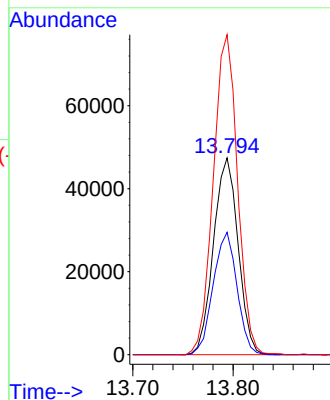
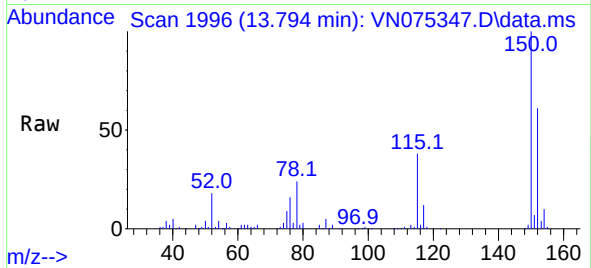




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

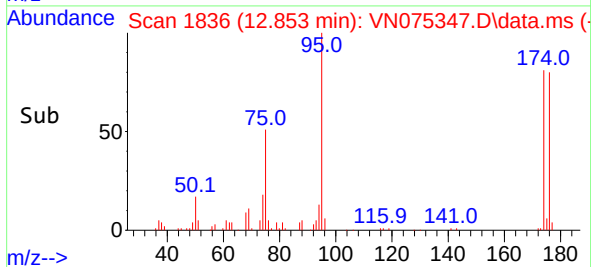
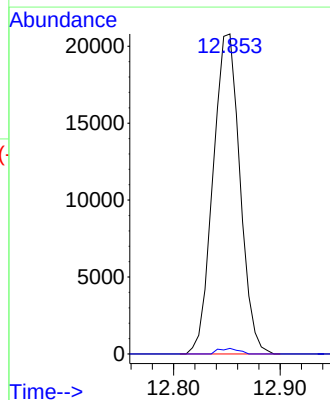
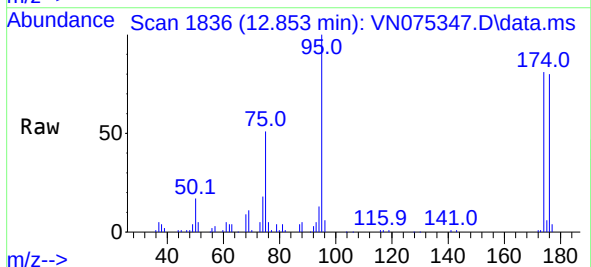
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1121MBL02

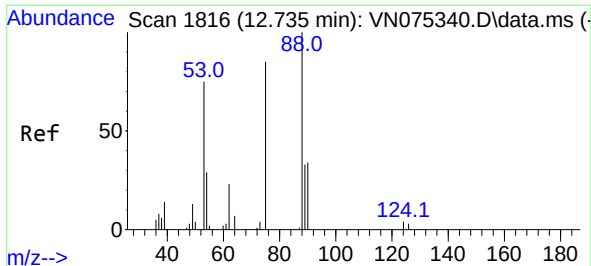
Tgt Ion:152 Resp: 80995  
Ion Ratio Lower Upper  
152 100  
115 60.2 30.2 90.6  
150 159.8 0.0 348.4



#76  
1,2,3-Trichloropropane  
Concen: 23.840 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.141 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

Tgt Ion: 75 Resp: 36508  
Ion Ratio Lower Upper  
75 100  
77 1.3 75.6 226.8#

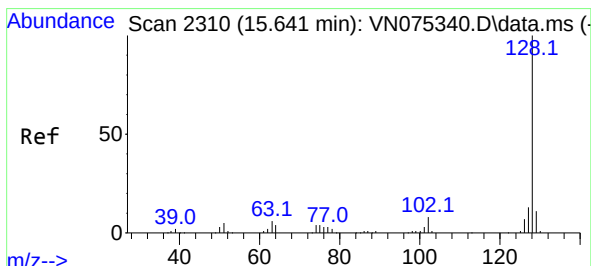
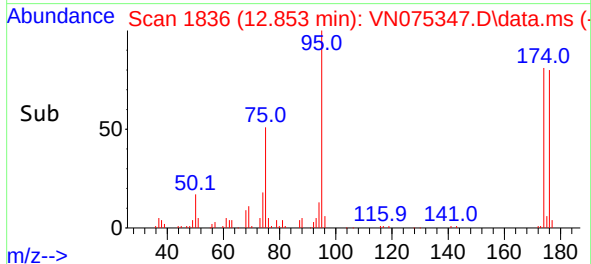
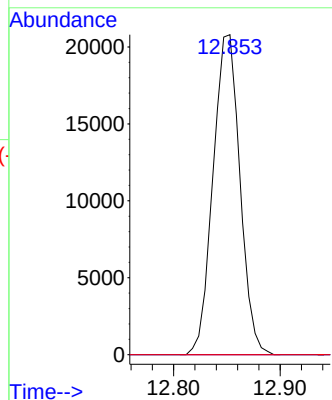
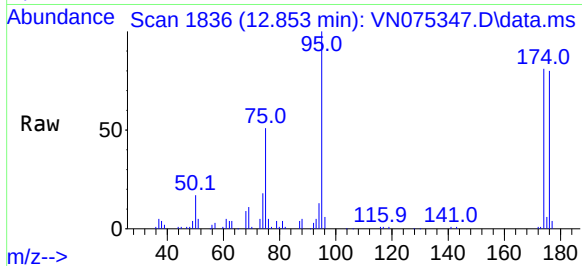




#81  
trans-1,4-Dichloro-2-butene  
Concen: 70.536 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.118 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1121MBL02

Tgt Ion: 75 Resp: 36508  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.5 117.7#  
89 0.0 37.7 56.5#



#95  
Naphthalene  
Concen: 0.223 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN075347.D  
Acq: 21 Nov 2022 17:21

Tgt Ion: 128 Resp: 969  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.4 15.6#  
129 0.0 8.6 12.8#

