

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020722\  
 Data File : VY007423.D  
 Acq On : 07 Feb 2022 19:14  
 Operator : SY/MD  
 Sample : N1422-01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BP-2

Quant Time: Feb 08 00:42:07 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 03 04:36:48 2022  
 Response via : Initial Calibration

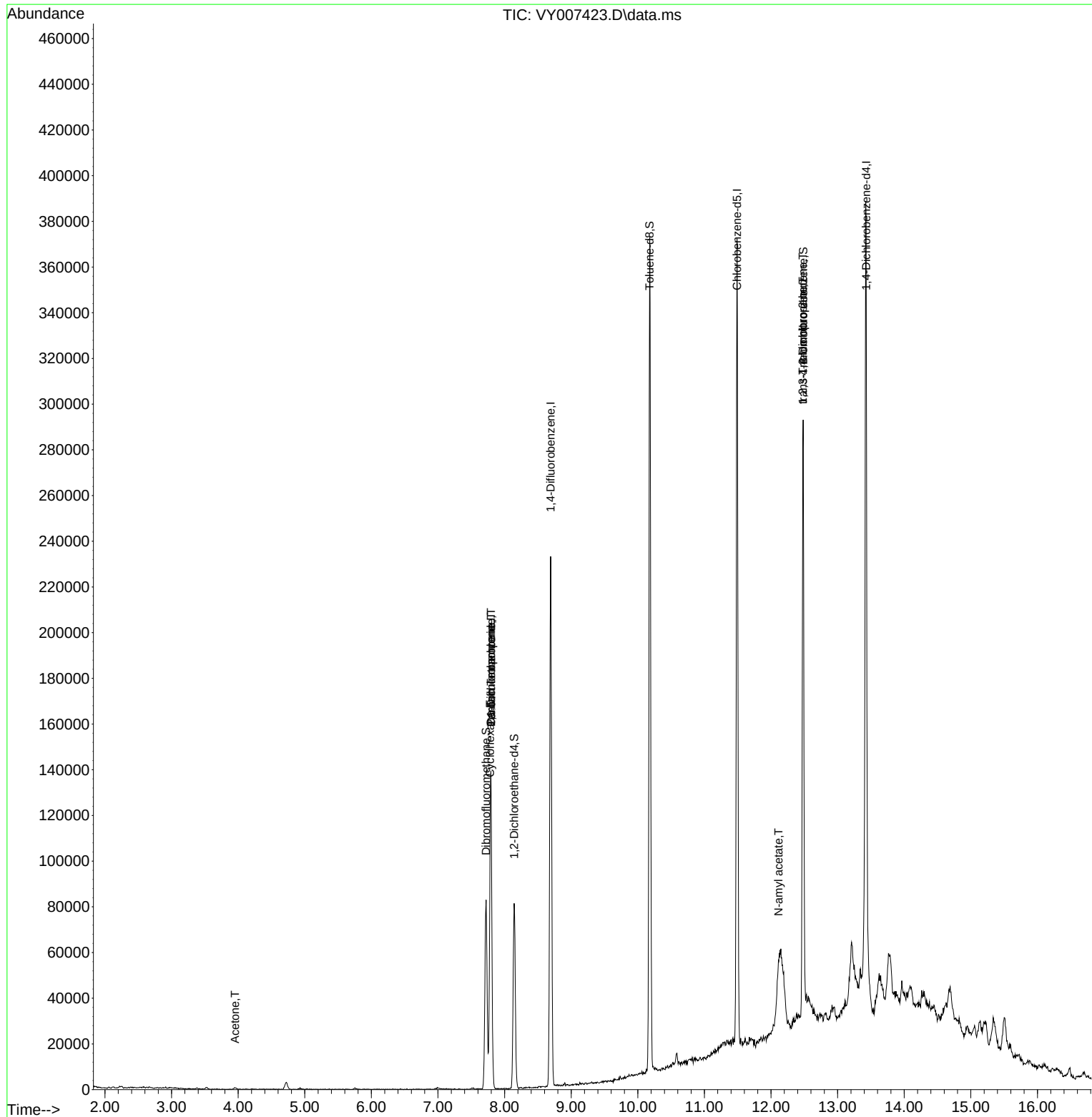
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.795  | 168   | 102738   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.691  | 114   | 194853   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.489 | 117   | 184169   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428 | 152   | 72956    | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.142  | 65    | 65999    | 55.849    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | = 111.700% |          |
| 35) Dibromofluoromethane      | 7.722  | 113   | 58265    | 46.567    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | = 93.140%  |          |
| 50) Toluene-d8                | 10.179 | 98    | 240015   | 51.921    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery  | = 103.840% |          |
| 62) 4-Bromofluorobenzene      | 12.483 | 95    | 84926    | 54.052    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery  | = 108.100% |          |
| Target Compounds              |        |       |          |           |            |          |
| 3) Chloromethane              | 2.113  | 50    | 346      | Below Cal | Qvalue 92  |          |
| 11) Tert butyl alcohol        | 4.930  | 59    | 317      | Below Cal | # 77       |          |
| 16) Acetone                   | 3.954  | 43    | 1257     | 3.275     | ug/l       | # 51     |
| 20) Methylene Chloride        | 4.722  | 84    | 2230     | Below Cal | # 74       |          |
| 31) Cyclohexane               | 7.783  | 56    | 2392     | 1.037     | ug/l       | # 9      |
| 36) 1,1-Dichloropropene       | 7.795  | 75    | 8954     | 4.093     | ug/l       | # 51     |
| 38) Carbon Tetrachloride      | 7.795  | 117   | 11266    | 4.902     | ug/l       | # 15     |
| 74) N-amyl acetate            | 12.111 | 43    | 2265     | 1.372     | ug/l       | # 1      |
| 76) 1,2,3-Trichloropropane    | 12.477 | 75    | 44491    | 51.298    | ug/l       | # 100    |
| 81) trans-1,4-Dichloro-2-b... | 12.477 | 75    | 44491    | 102.771   | ug/l       | # 8      |
| -----                         |        |       |          |           |            |          |

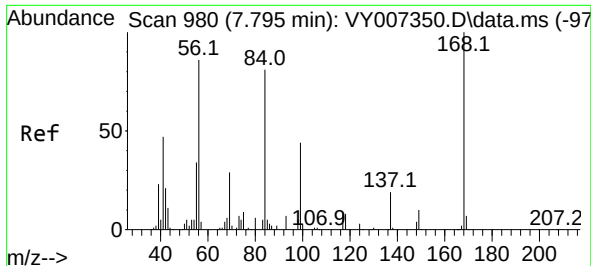
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020722\  
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Instrument :  
MSVOA\_Y  
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BP-2

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Quant Title : SW846 8260  
QLast Update : Thu Feb 03 04:36:48 2022  
Response via : Initial Calibration

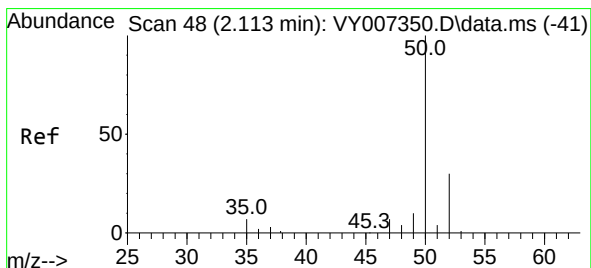
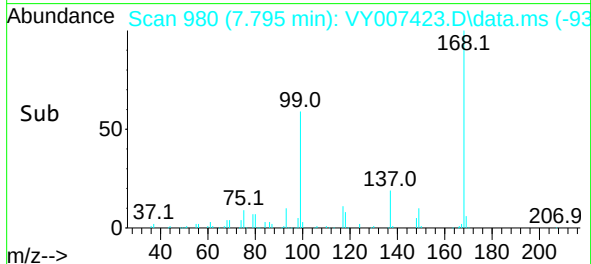
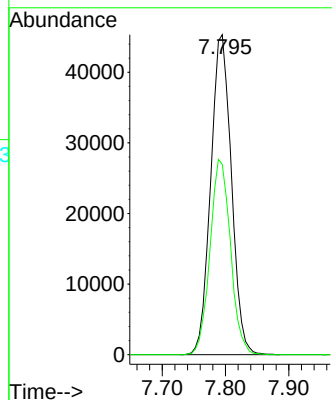
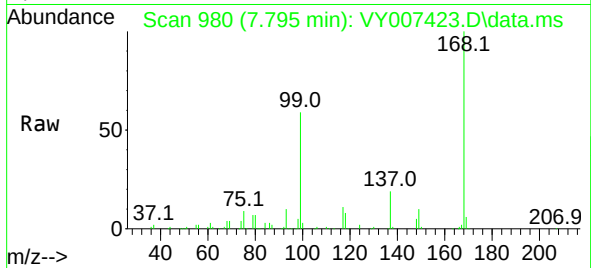




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007423.D  
Acq: 07 Feb 2022 19:14

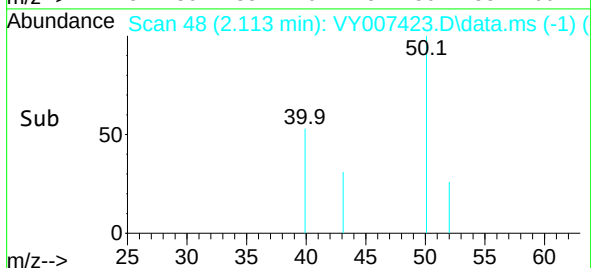
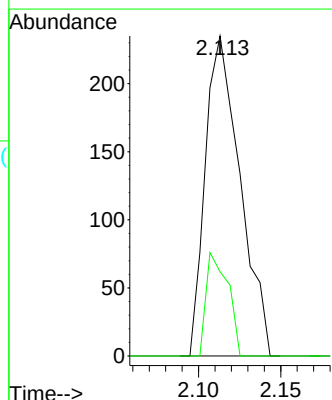
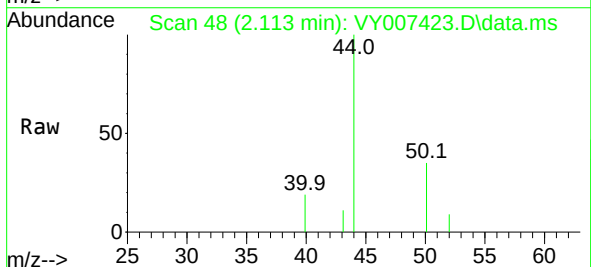
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BP-2

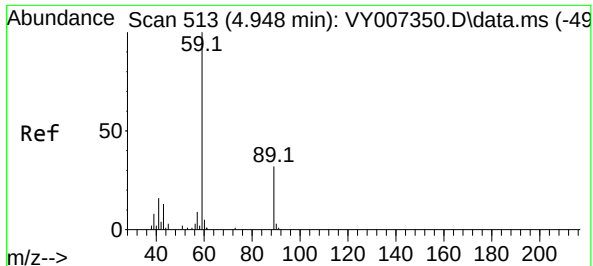
Tgt Ion:168 Resp: 102738  
Ion Ratio Lower Upper  
168 100  
99 59.5 46.9 70.3



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY007423.D  
Acq: 07 Feb 2022 19:14

Tgt Ion: 50 Resp: 346  
Ion Ratio Lower Upper  
50 100  
52 26.4 24.6 37.0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 513

Delta R.T. -0.018 min

Lab File: VY007423.D

Acq: 07 Feb 2022 19:14

Instrument :

MSVOA\_Y

ClientSampleId :

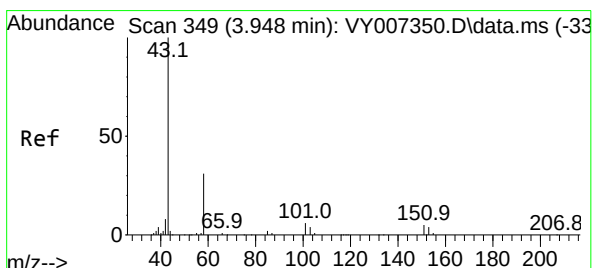
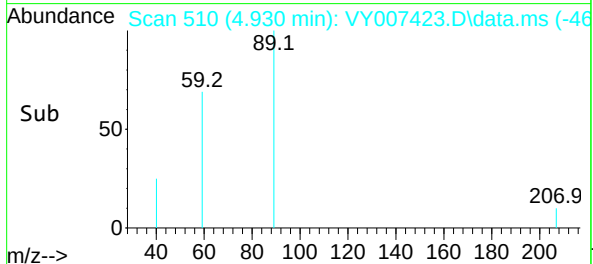
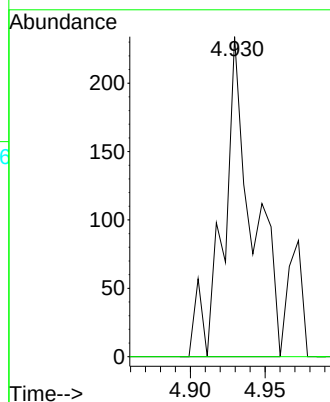
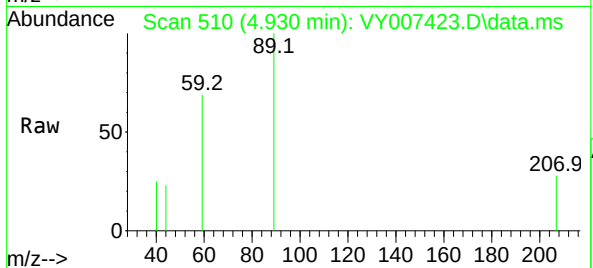
BP-2

Tgt Ion: 59 Resp: 317

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.275 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY007423.D

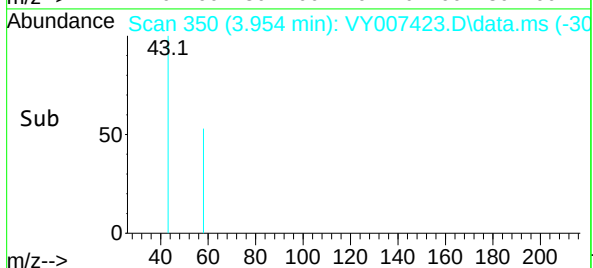
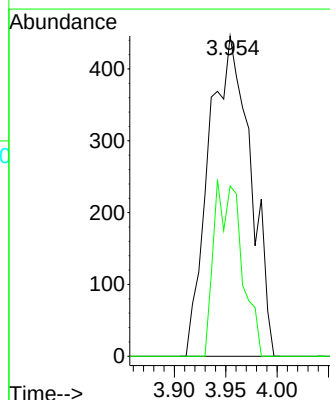
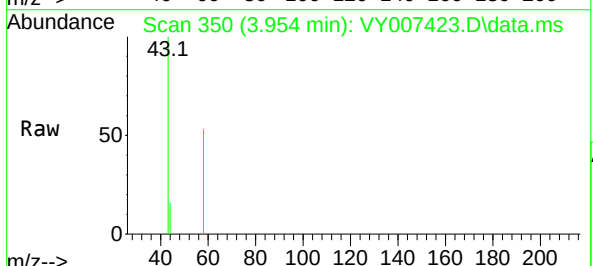
Acq: 07 Feb 2022 19:14

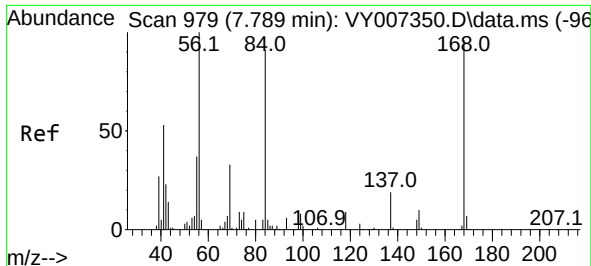
Tgt Ion: 43 Resp: 1257

Ion Ratio Lower Upper

43 100

58 53.1 22.0 33.0#

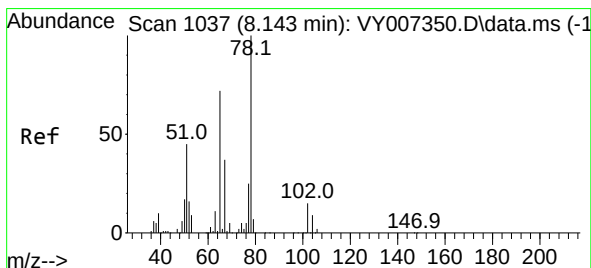
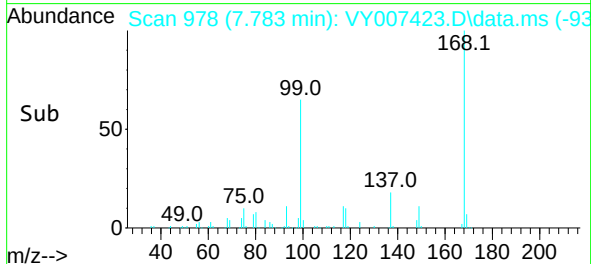
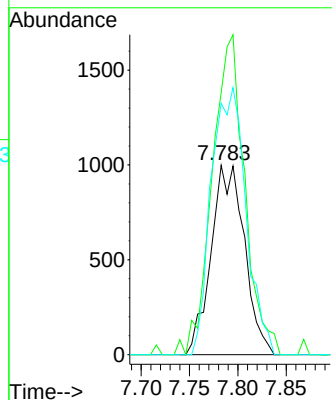
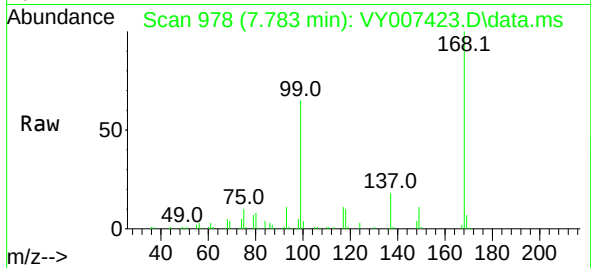




#31  
Cyclohexane  
Concen: 1.037 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY007423.D  
Acq: 07 Feb 2022 19:14

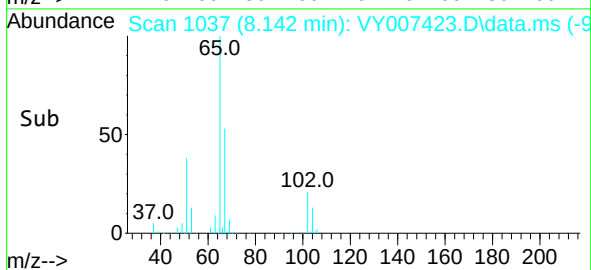
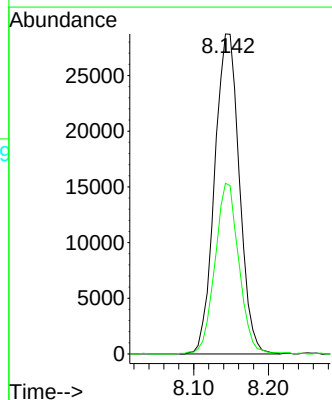
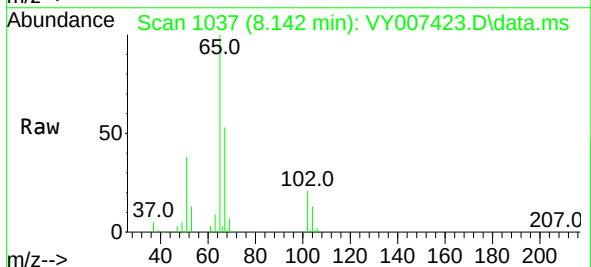
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BP-2

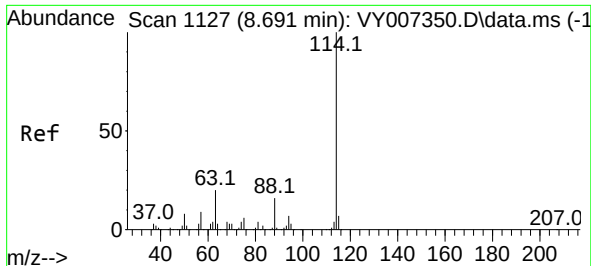
Tgt Ion: 56 Resp: 2392  
Ion Ratio Lower Upper  
56 100  
69 138.4 26.7 40.1#  
84 132.8 67.2 100.8#



#33  
1,2-Dichloroethane-d4  
Concen: 55.849 ug/l  
RT: 8.142 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VY007423.D  
Acq: 07 Feb 2022 19:14

Tgt Ion: 65 Resp: 65999  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 99.4

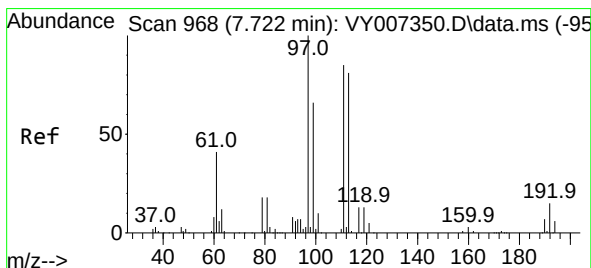
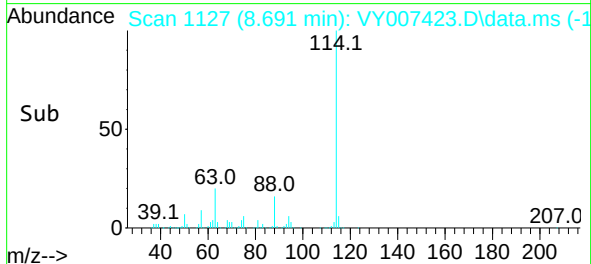
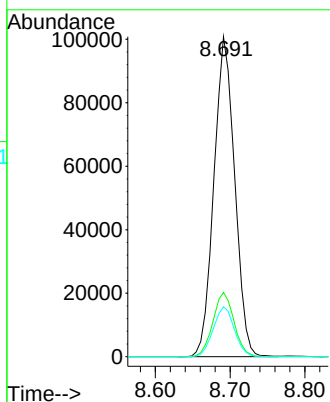
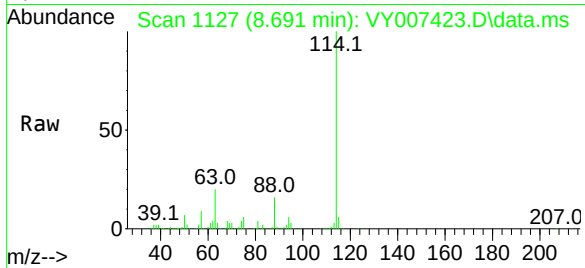




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: VY007423.D  
Acq: 07 Feb 2022 19:14

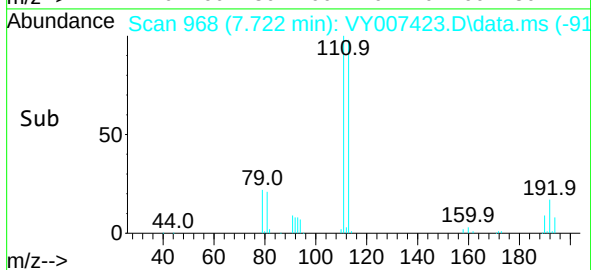
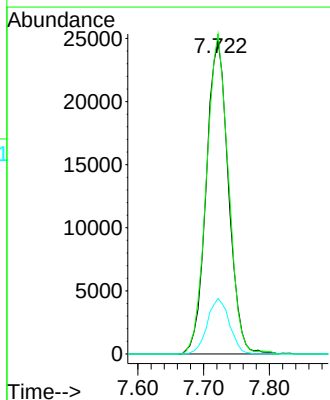
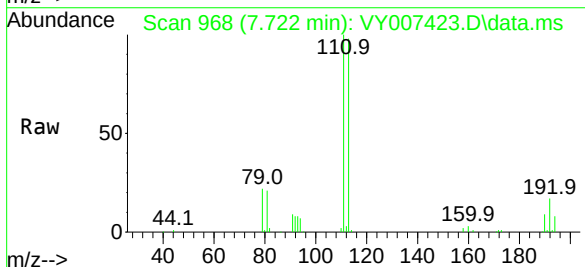
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BP-2

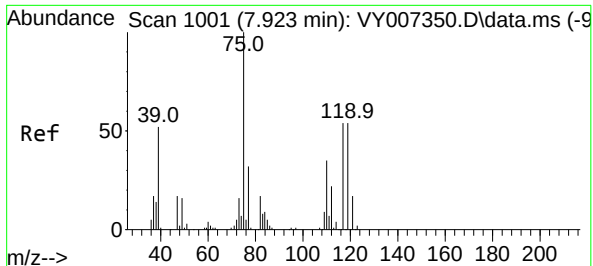
Tgt Ion:114 Resp: 194853  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 43.2  
88 15.6 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 46.567 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: VY007423.D  
Acq: 07 Feb 2022 19:14

Tgt Ion:113 Resp: 58265  
Ion Ratio Lower Upper  
113 100  
111 100.9 82.6 124.0  
192 17.6 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 4.093 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007423.D

Acq: 07 Feb 2022 19:14

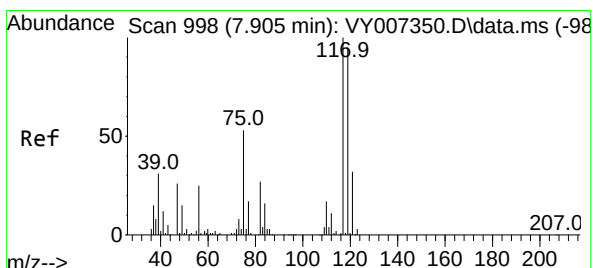
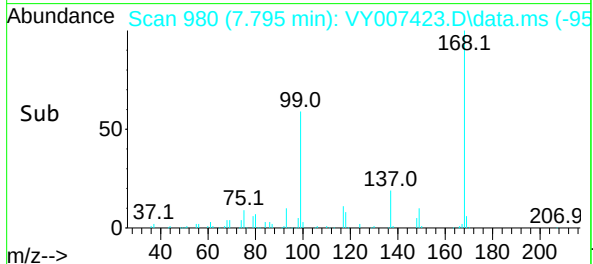
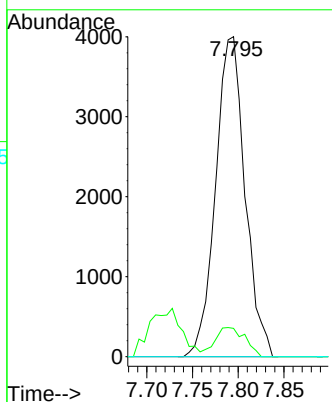
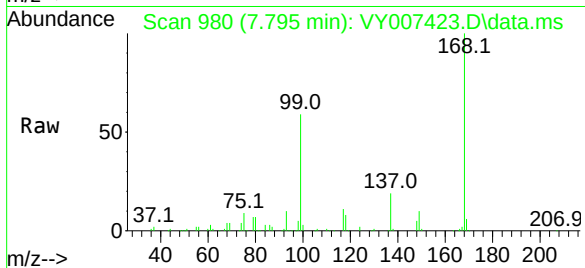
Instrument :

MSVOA\_Y

ClientSampleId :

BP-2

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 8954  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 9.3   | 17.1  | 51.2# |
| 77       | 0.0   | 24.4  | 36.6# |



#38

Carbon Tetrachloride

Concen: 4.902 ug/l

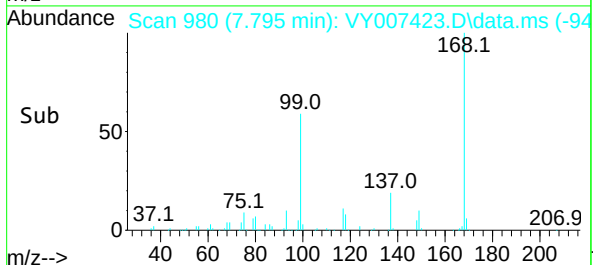
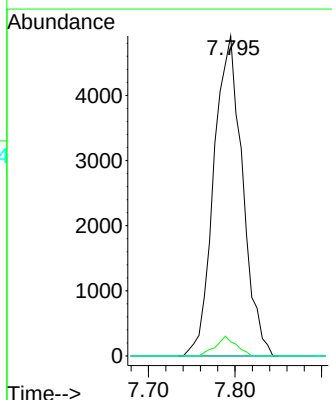
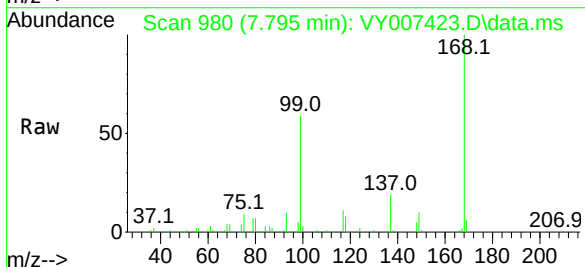
RT: 7.795 min Scan# 980

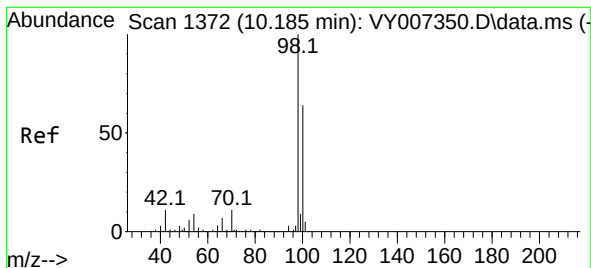
Delta R.T. -0.110 min

Lab File: VY007423.D

Acq: 07 Feb 2022 19:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 11266  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 4.4   | 77.9  | 116.9# |
| 121      | 0.0   | 24.8  | 37.2#  |

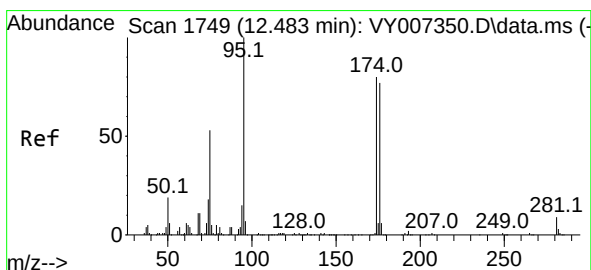
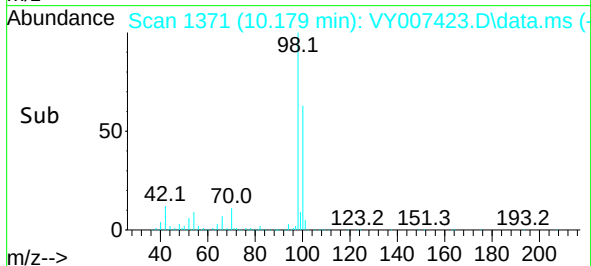
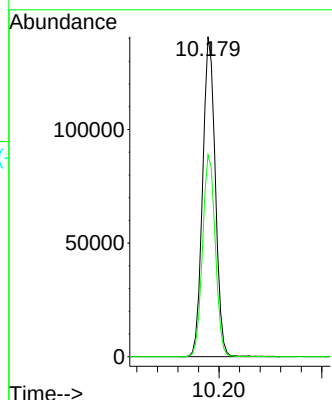
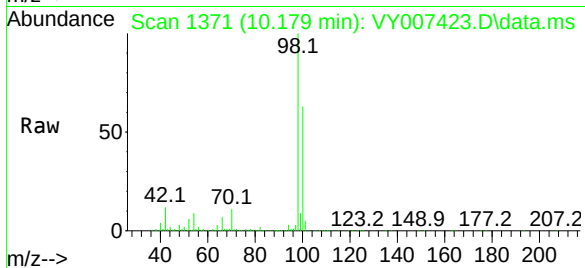




#50  
Toluene-d8  
Concen: 51.921 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY007423.D  
Acq: 07 Feb 2022 19:14

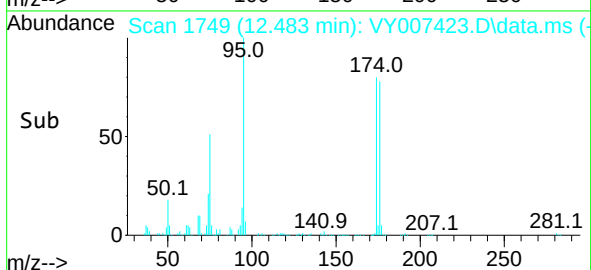
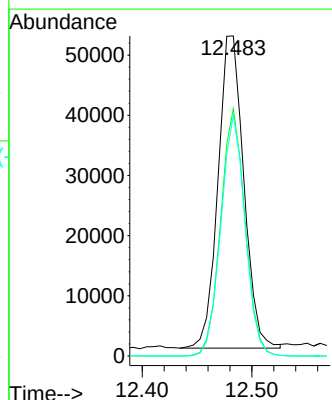
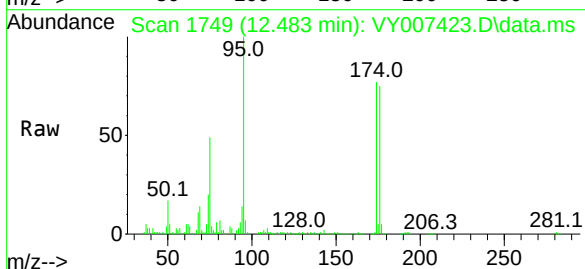
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BP-2

Tgt Ion: 98 Resp: 240015  
Ion Ratio Lower Upper  
98 100  
100 63.6 50.2 75.2

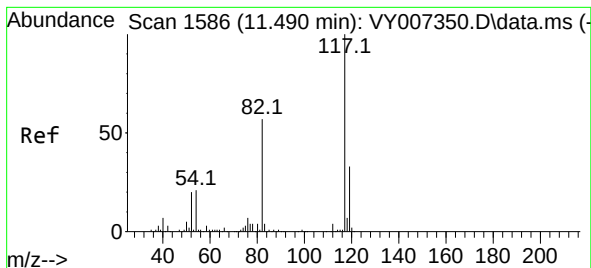


#62  
4-Bromofluorobenzene  
Concen: 54.052 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY007423.D  
Acq: 07 Feb 2022 19:14

Tgt Ion: 95 Resp: 84926  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 177.0  
176 72.0 0.0 175.8







#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007423.D

Acq: 07 Feb 2022 19:14

Instrument :

MSVOA\_Y

ClientSampleId :

BP-2

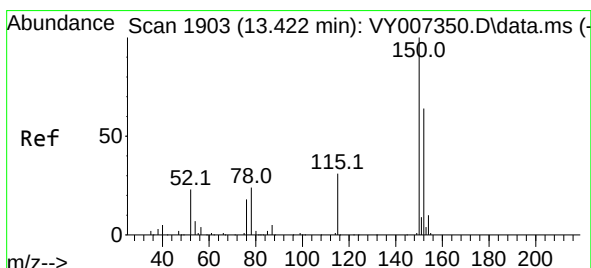
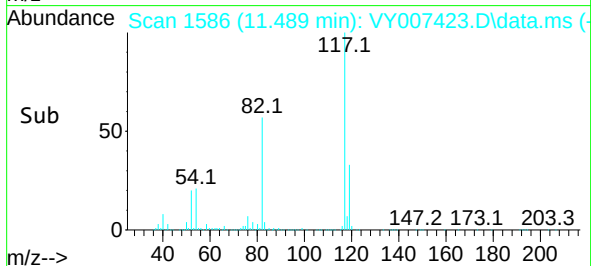
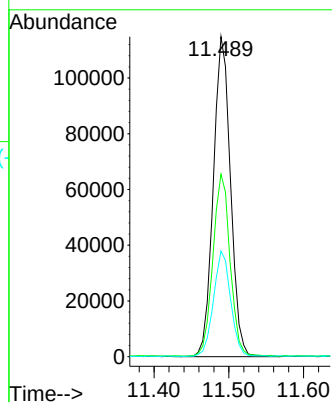
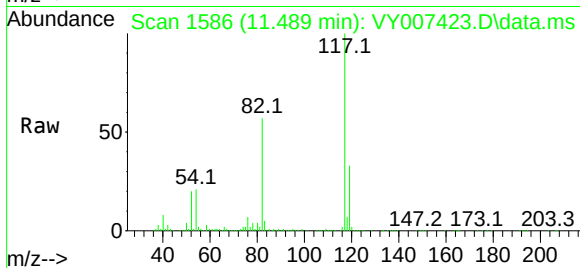
Tgt Ion:117 Resp: 184169

Ion Ratio Lower Upper

117 100

82 56.8 43.0 64.4

119 32.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007423.D

Acq: 07 Feb 2022 19:14

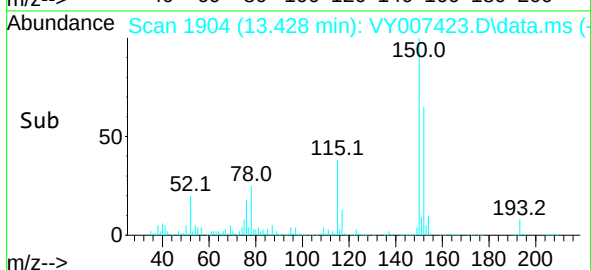
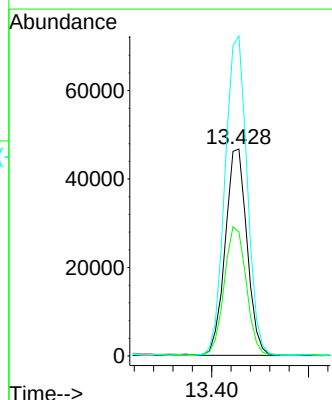
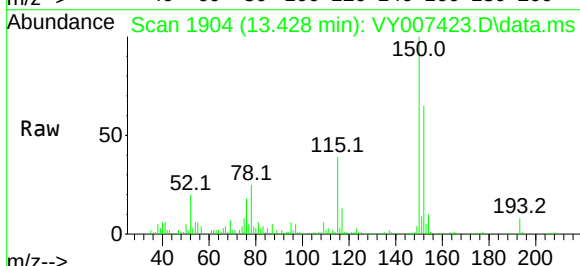
Tgt Ion:152 Resp: 72956

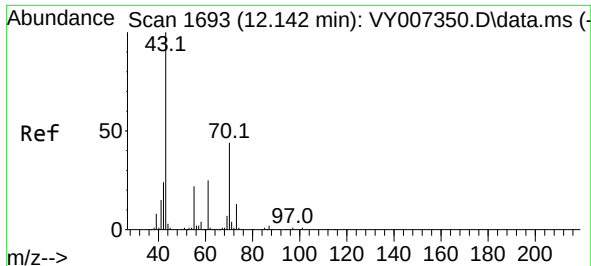
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

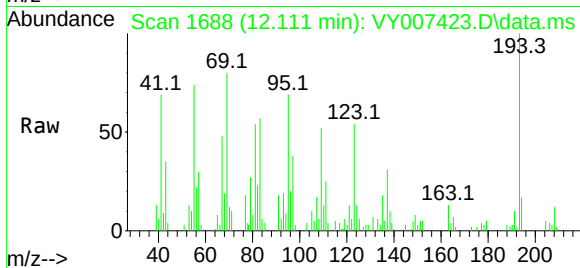
150 157.2 0.0 347.6



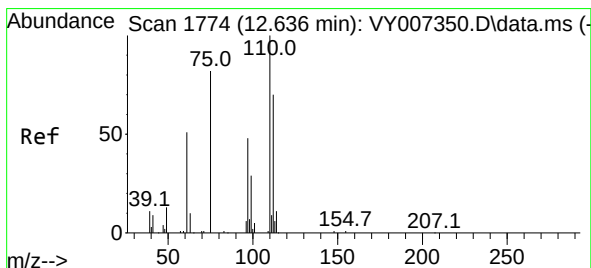
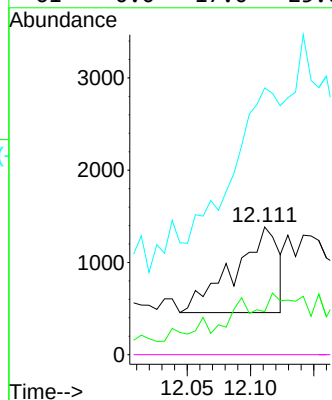
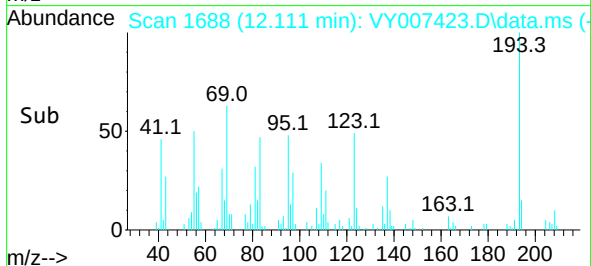


#74  
N-amy1 acetate  
Concen: 1.372 ug/l  
RT: 12.111 min Scan# 1  
Delta R.T. -0.031 min  
Lab File: VY007423.D  
Acq: 07 Feb 2022 19:14

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BP-2

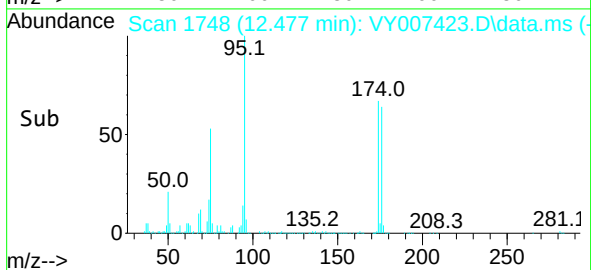
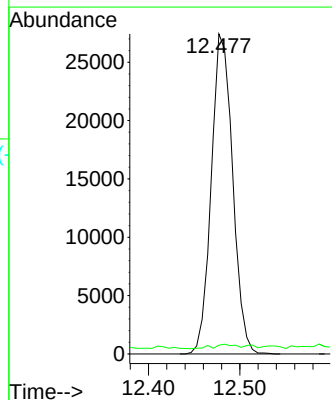
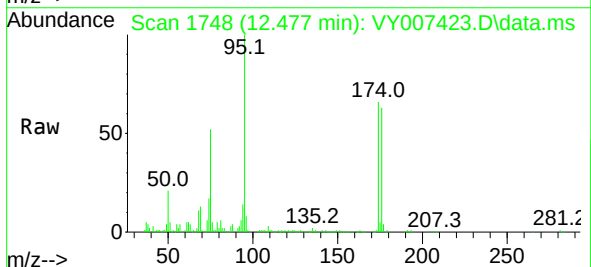


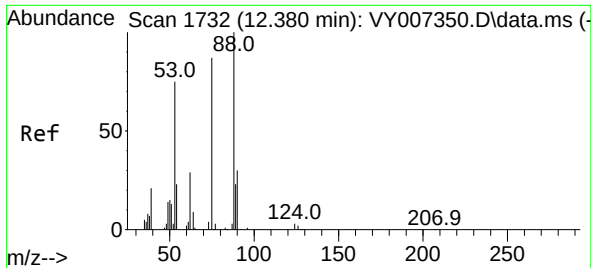
Tgt Ion: 43 Resp: 2265  
Ion Ratio Lower Upper  
43 100  
70 17.6 28.7 43.1#  
55 214.9 17.3 25.9#  
61 0.0 17.0 25.6#



#76  
1,2,3-Trichloropropane  
Concen: 51.298 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.159 min  
Lab File: VY007423.D  
Acq: 07 Feb 2022 19:14

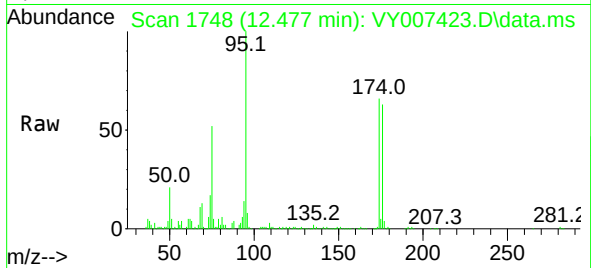
Tgt Ion: 75 Resp: 44491  
Ion Ratio Lower Upper  
75 100  
77 1.4 0.0 0.0#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 102.771 ug/l  
 RT: 12.477 min Scan# 11  
 Delta R.T. 0.097 min  
 Lab File: VY007423.D  
 Acq: 07 Feb 2022 19:14

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BP-2



Tgt Ion: 75 Resp: 44491  
 Ion Ratio Lower Upper  
 75 100  
 53 0.4 85.3 127.9#  
 89 0.3 37.0 55.4#

