

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022522\  
 Data File : VY007644.D  
 Acq On : 25 Feb 2022 18:08  
 Operator : SY/MD  
 Sample : N1664-01  
 Misc : 5.49g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-1

Quant Time: Feb 27 23:59:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022322S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 24 07:13:58 2022  
 Response via : Initial Calibration

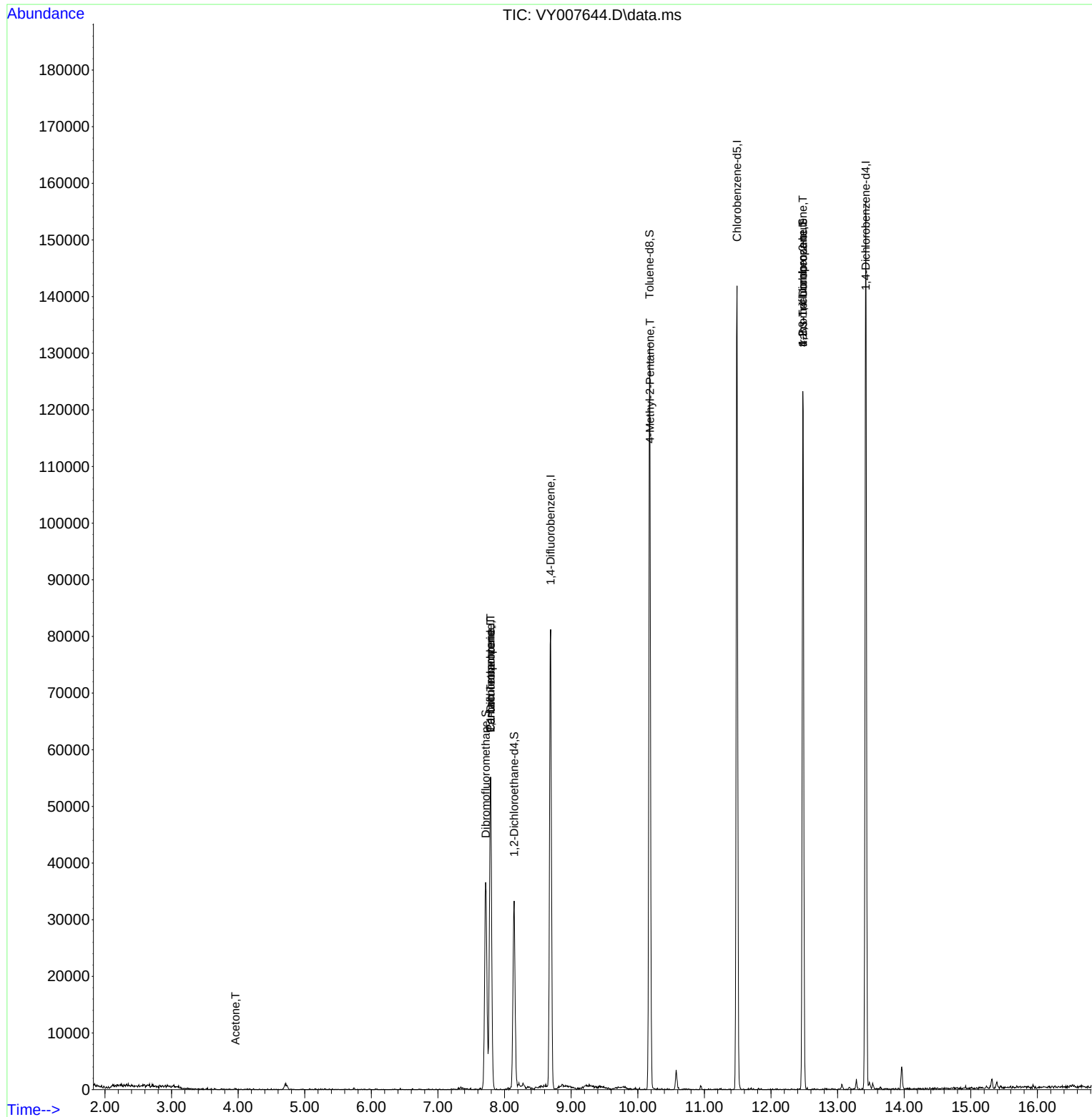
| Compound                      | R.T.   | QIon  | Response | Conc         | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|--------------|--------|----------|
| -----                         |        |       |          |              |        |          |
| Internal Standards            |        |       |          |              |        |          |
| 1) Pentafluorobenzene         | 7.789  | 168   | 41594    | 50.000       | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.691  | 114   | 69126    | 50.000       | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.490 | 117   | 73896    | 50.000       | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.422 | 152   | 38399    | 50.000       | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |              |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.143  | 65    | 25587    | 55.298       | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery     | =      | 110.600% |
| 35) Dibromofluoromethane      | 7.716  | 113   | 23247    | 53.297       | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery     | =      | 106.600% |
| 50) Toluene-d8                | 10.179 | 98    | 84943    | 52.437       | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery     | =      | 104.880% |
| 62) 4-Bromofluorobenzene      | 12.477 | 95    | 31439    | 57.004       | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery     | =      | 114.000% |
| Target Compounds              |        |       |          |              |        |          |
|                               |        |       |          |              | Qvalue |          |
| 5) Bromomethane               | 2.668  | 94    | 101      | Below Cal    |        | 83       |
| 16) Acetone                   | 3.960  | 43    | 131      | 1.243 ug/l   | #      | 47       |
| 20) Methylene Chloride        | 4.716  | 84    | 857      | Below Cal    | #      | 63       |
| 31) Cyclohexane               | 7.789  | 56    | 1050     | Below Cal    | #      | 39       |
| 36) 1,1-Dichloropropene       | 7.789  | 75    | 2998     | 4.770 ug/l   | #      | 56       |
| 38) Carbon Tetrachloride      | 7.789  | 117   | 4624     | 5.024 ug/l   | #      | 13       |
| 51) 4-Methyl-2-Pentanone      | 10.185 | 43    | 353      | 1.214 ug/l   | #      | 1        |
| 76) 1,2,3-Trichloropropane    | 12.477 | 75    | 20224    | 52.660 ug/l  | #      | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.477 | 75    | 20224    | 113.228 ug/l | #      | 7        |
| -----                         |        |       |          |              |        |          |

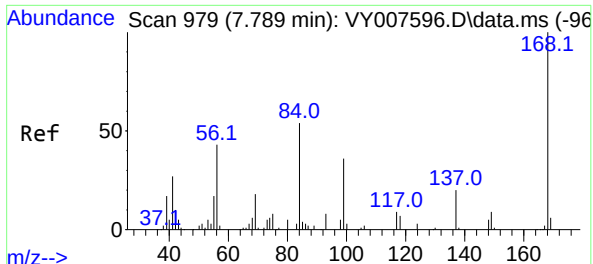
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022522\  
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Sample : N1664-01  
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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022322S.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 24 07:13:58 2022  
Response via : Initial Calibration

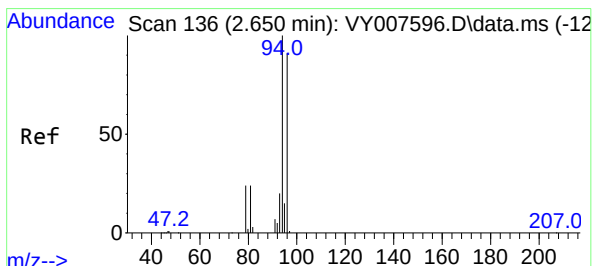
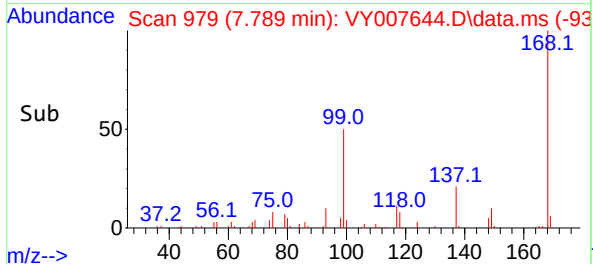
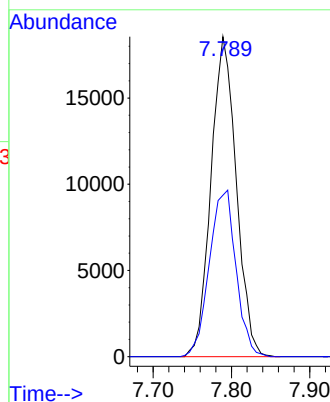
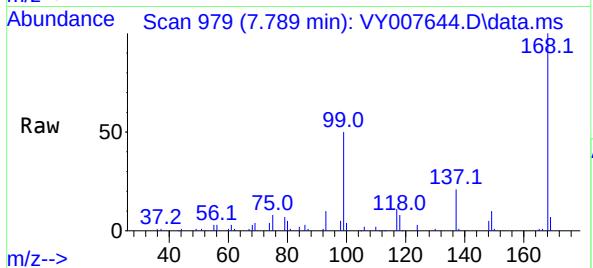




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

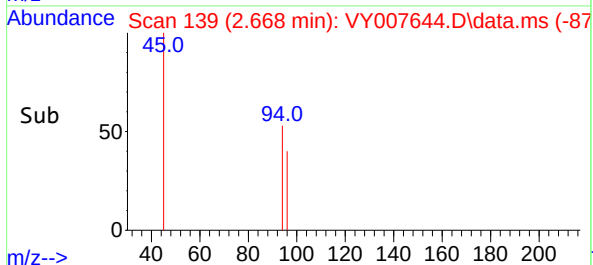
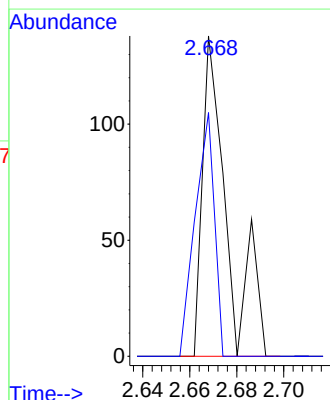
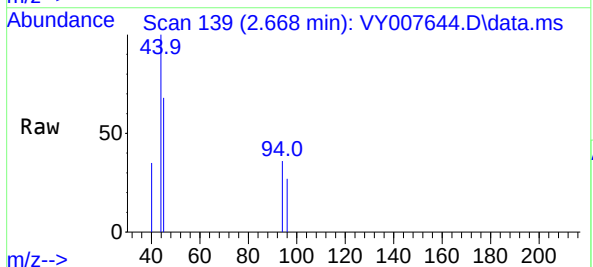
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

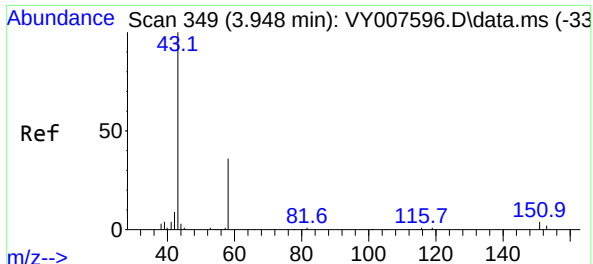
Tgt Ion:168 Resp: 41594  
Ion Ratio Lower Upper  
168 100  
99 50.5 46.9 70.3



#5  
Bromomethane  
Concen: Below Cal  
RT: 2.668 min Scan# 139  
Delta R.T. 0.018 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

Tgt Ion: 94 Resp: 101  
Ion Ratio Lower Upper  
94 100  
96 76.1 73.5 110.3

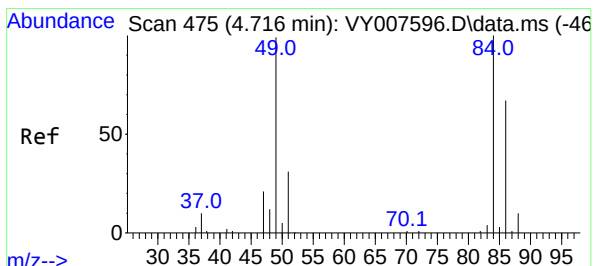
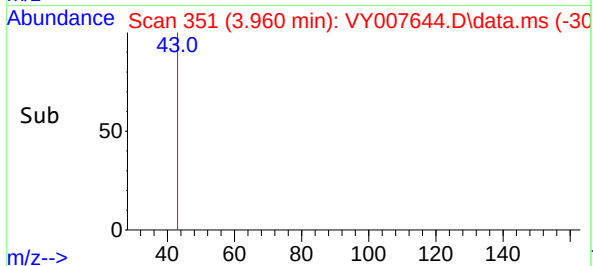
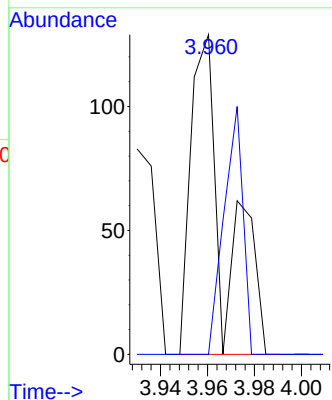
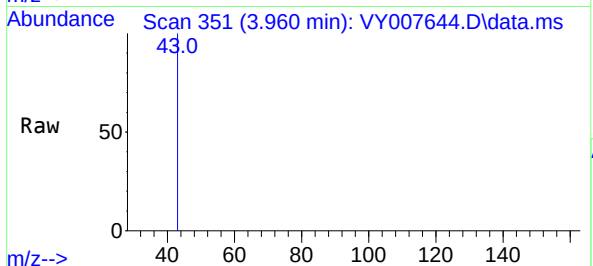




#16  
Acetone  
Concen: 1.243 ug/l  
RT: 3.960 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

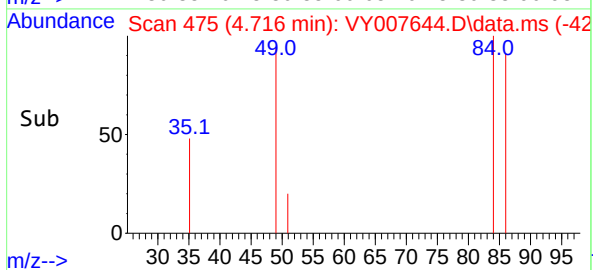
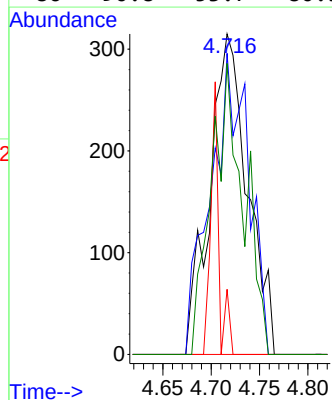
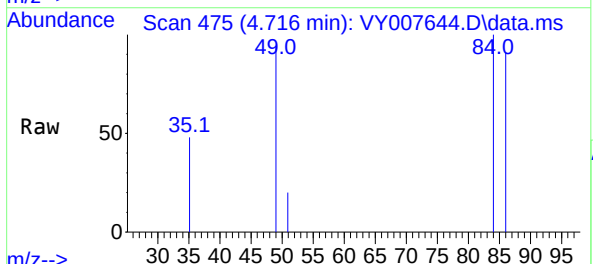
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

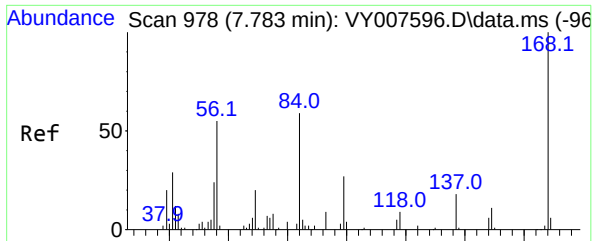
Tgt Ion: 43 Resp: 131  
Ion Ratio Lower Upper  
43 100  
58 0.0 22.0 33.0#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.716 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

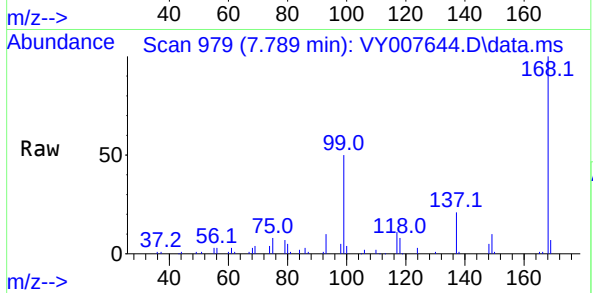
Tgt Ion: 84 Resp: 857  
Ion Ratio Lower Upper  
84 100  
49 94.0 114.4 171.6#  
51 20.3 35.3 52.9#  
86 90.8 53.7 80.5#



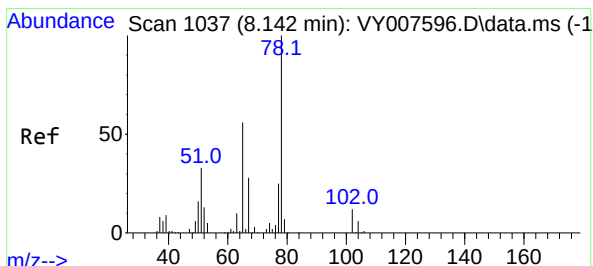
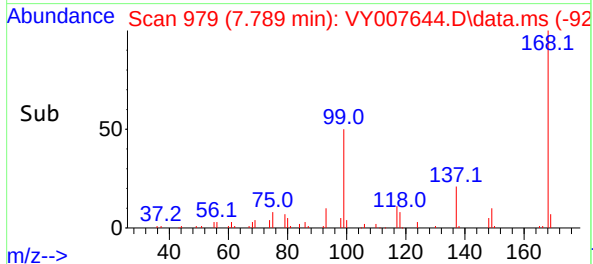
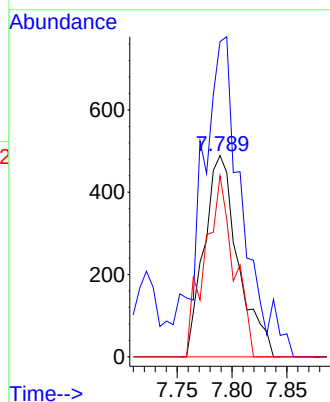


#31  
Cyclohexane  
Concen: Below Cal  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

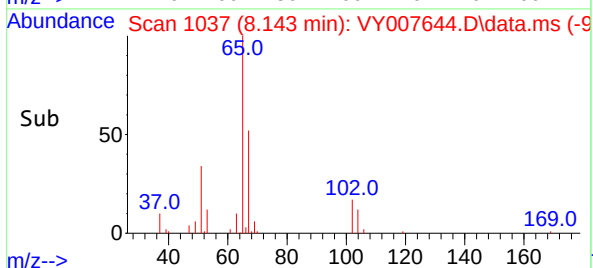
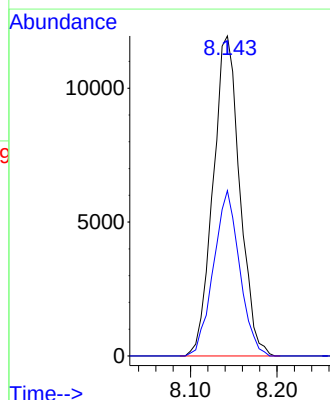
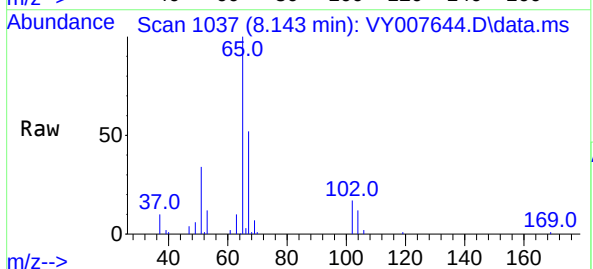


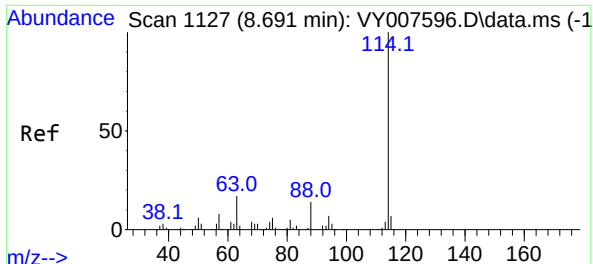
Tgt Ion: 56 Resp: 1050  
Ion Ratio Lower Upper  
56 100  
69 146.0 26.7 40.1#  
84 90.0 67.2 100.8



#33  
1,2-Dichloroethane-d4  
Concen: 55.298 ug/l  
RT: 8.143 min Scan# 1037  
Delta R.T. 0.001 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

Tgt Ion: 65 Resp: 25587  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 99.4

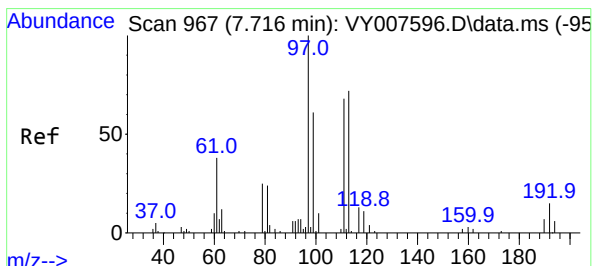
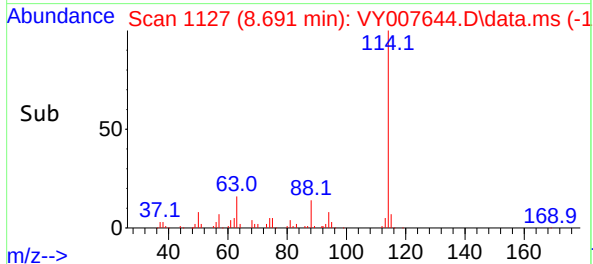
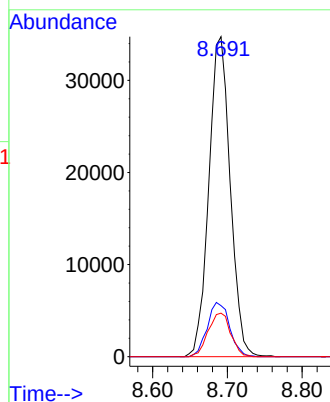
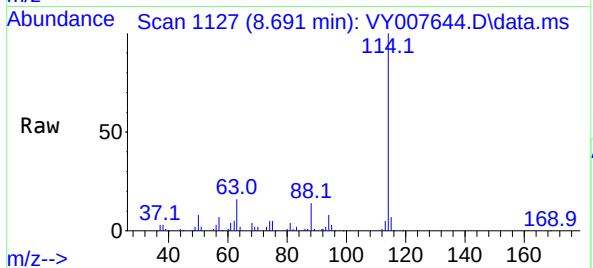




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

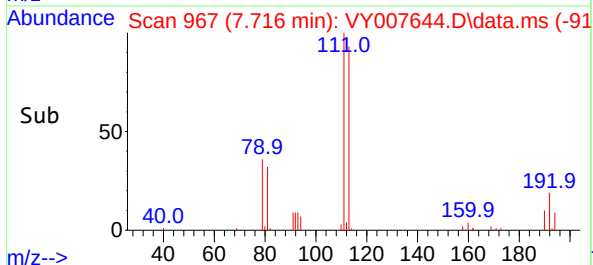
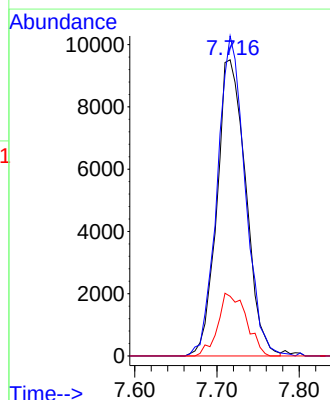
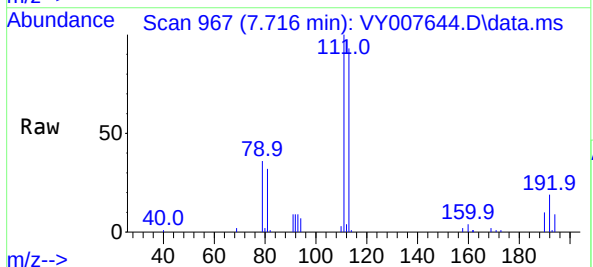
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

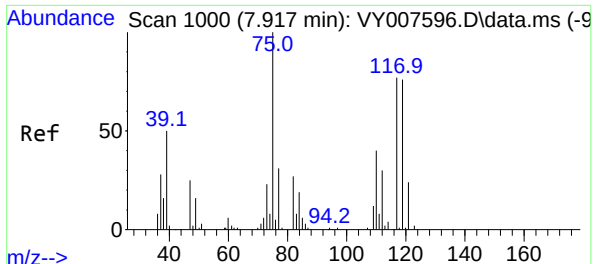
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 114   | Resp: | 69126 |
| Ion Ratio | Lower | Upper |       |
| 114       | 100   |       |       |
| 63        | 15.9  | 0.0   | 43.2  |
| 88        | 13.6  | 0.0   | 31.8  |



#35  
Dibromofluoromethane  
Concen: 53.297 ug/l  
RT: 7.716 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 23247 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 104.3 | 82.6  | 124.0 |
| 192       | 20.9  | 17.6  | 26.4  |





#36

1,1-Dichloropropene

Concen: 4.770 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007644.D

Acq: 25 Feb 2022 18:08

Instrument :

MSVOA\_Y

ClientSampleId :

TP-1

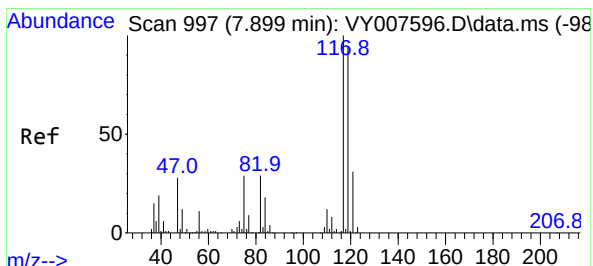
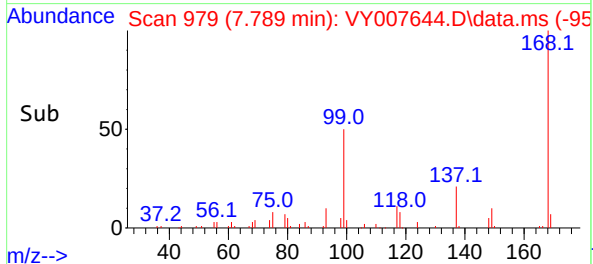
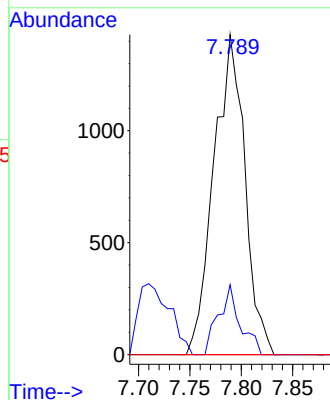
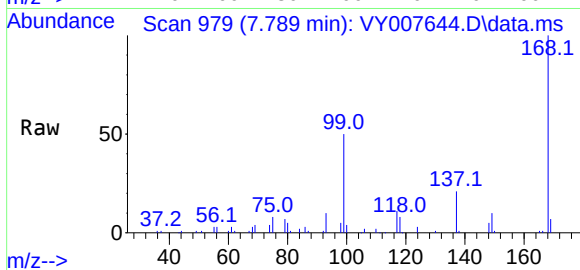
Tgt Ion: 75 Resp: 2998

Ion Ratio Lower Upper

75 100

110 15.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.024 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007644.D

Acq: 25 Feb 2022 18:08

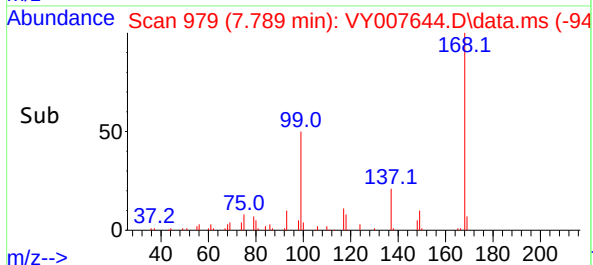
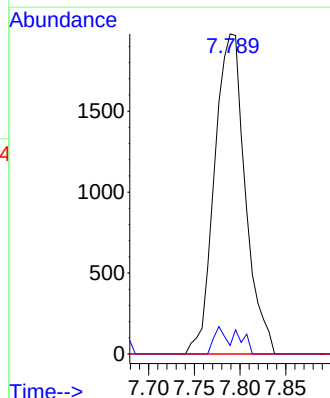
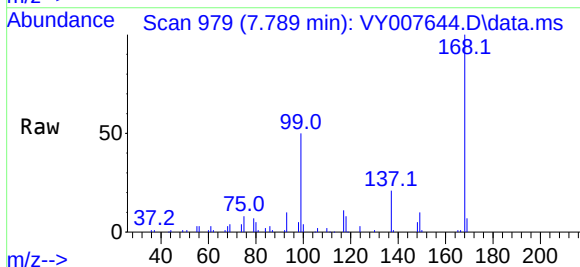
Tgt Ion: 117 Resp: 4624

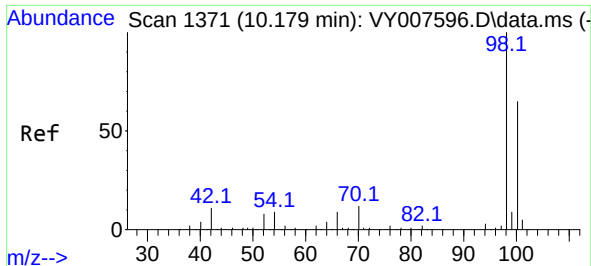
Ion Ratio Lower Upper

117 100

119 2.7 77.9 116.9#

121 0.0 24.8 37.2#

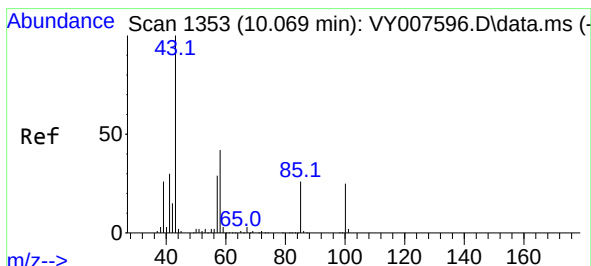
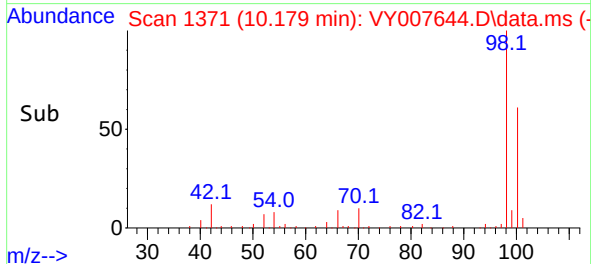
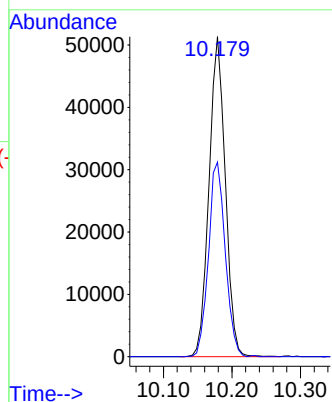
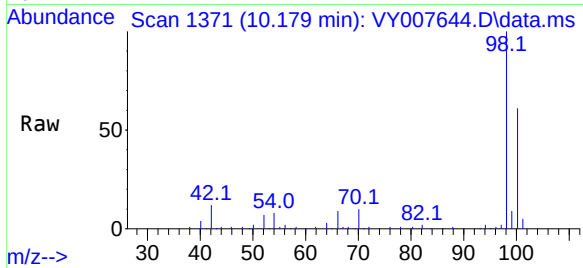




#50  
Toluene-d8  
Concen: 52.437 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

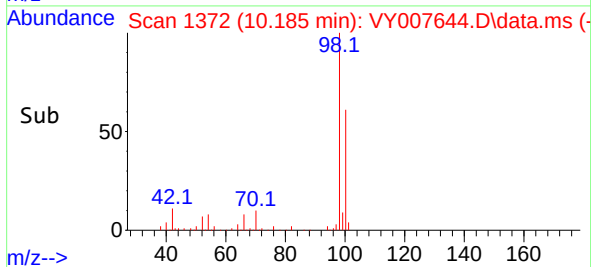
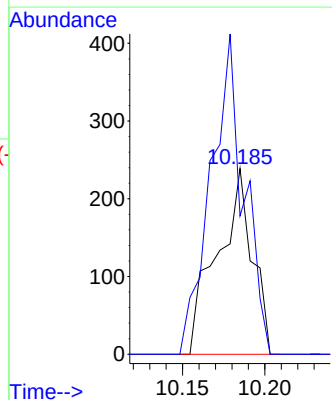
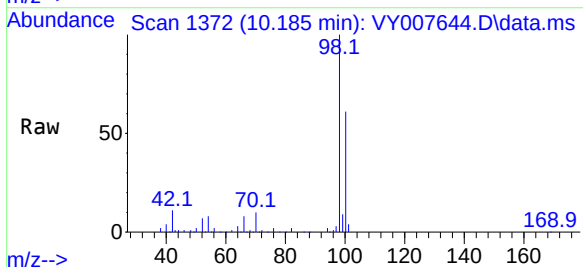
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Tgt Ion: 98 Resp: 84943  
Ion Ratio Lower Upper  
98 100  
100 62.7 50.2 75.2

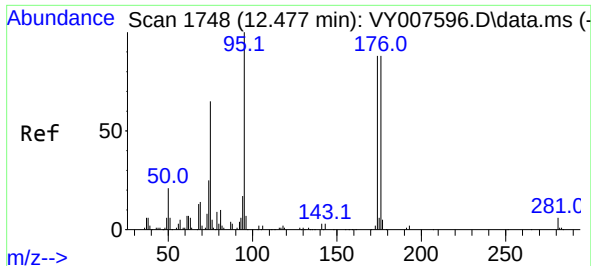


#51  
4-Methyl-2-Pentanone  
Concen: 1.214 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.116 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

Tgt Ion: 43 Resp: 353  
Ion Ratio Lower Upper  
43 100  
58 163.5 28.1 42.1#



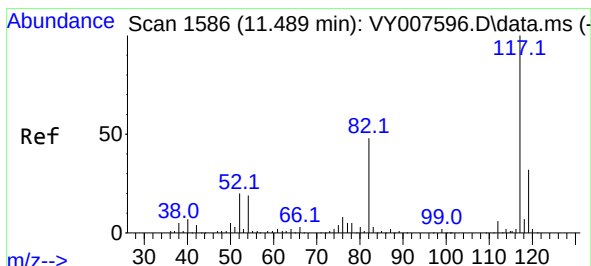
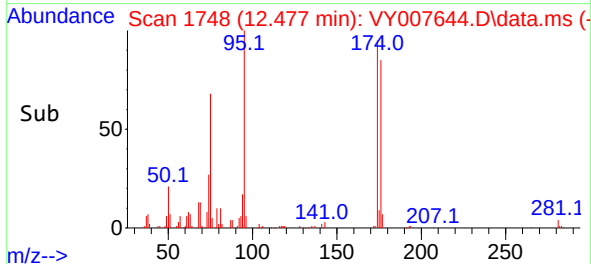
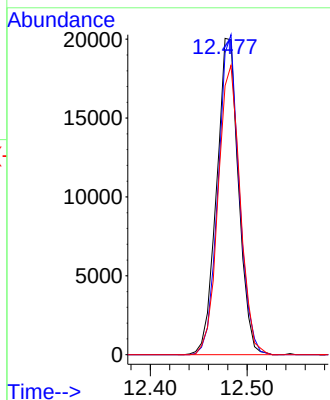
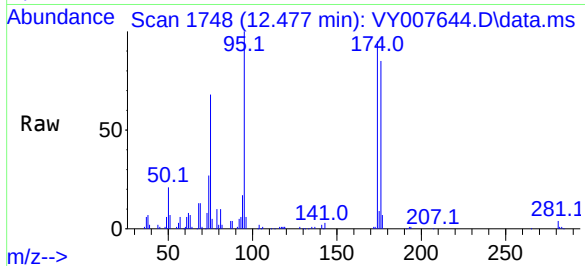




#62  
4-Bromofluorobenzene  
Concen: 57.004 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

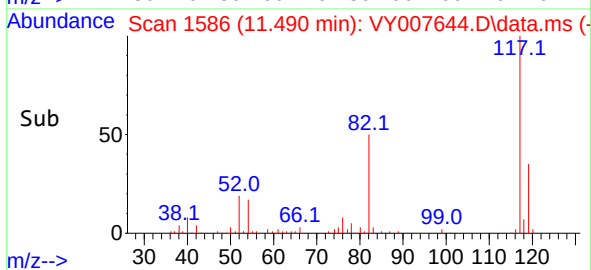
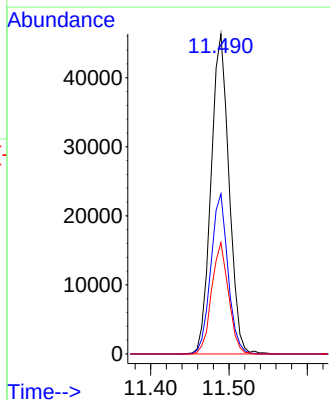
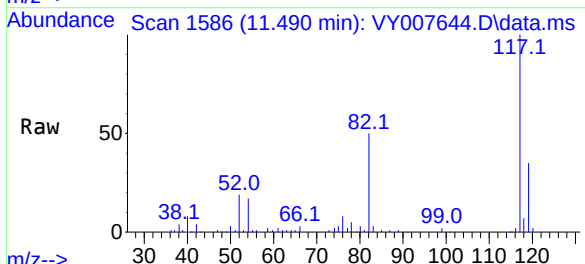
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

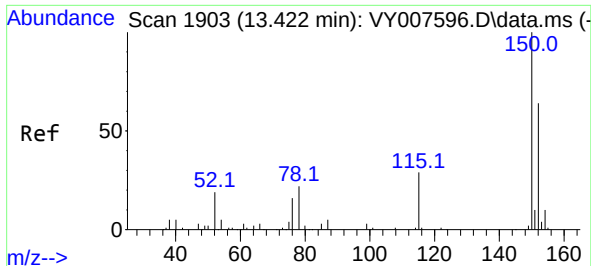
Tgt Ion: 95 Resp: 31439  
Ion Ratio Lower Upper  
95 100  
174 96.9 0.0 177.0  
176 92.0 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. 0.001 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

Tgt Ion: 117 Resp: 73896  
Ion Ratio Lower Upper  
117 100  
82 50.1 43.0 64.4  
119 34.8 25.4 38.0

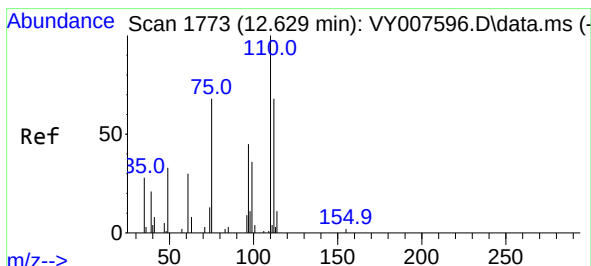
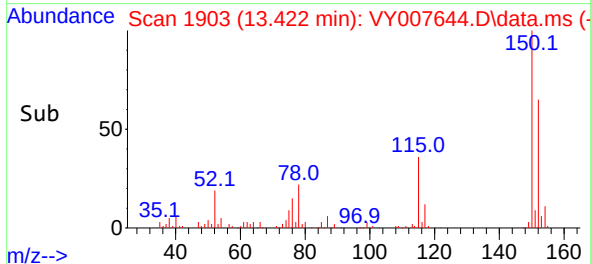
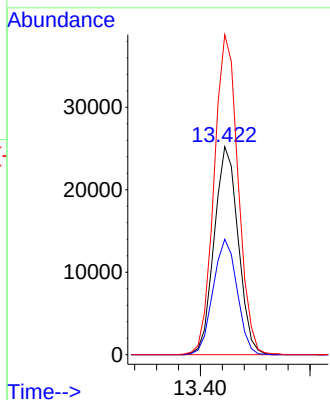
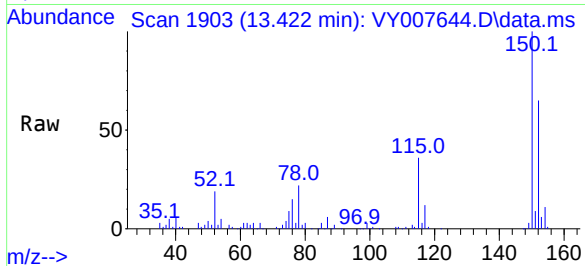




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

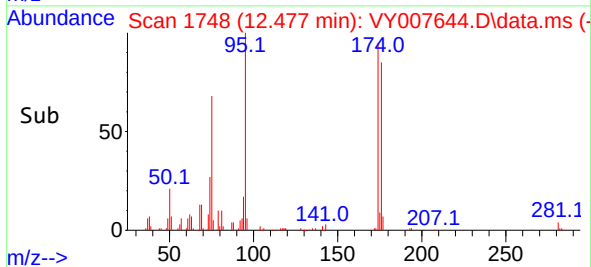
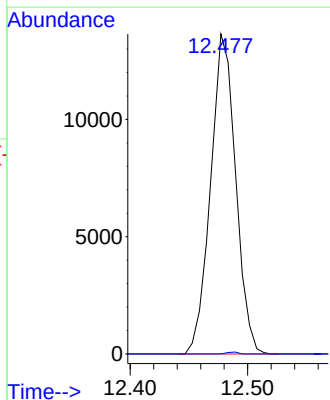
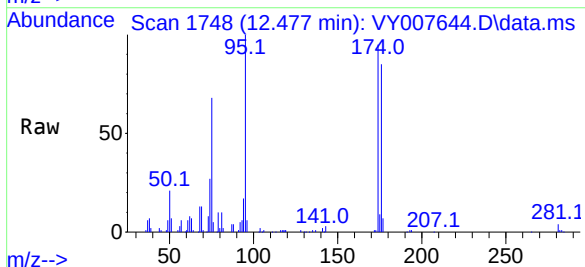
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1

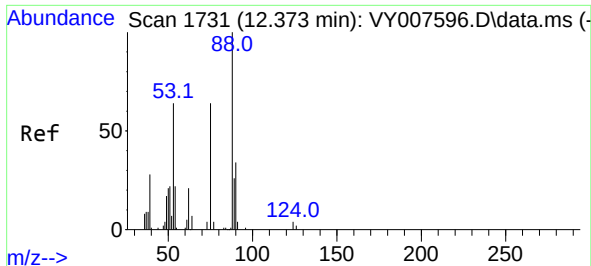
Tgt Ion:152 Resp: 38399  
Ion Ratio Lower Upper  
152 100  
115 55.5 28.2 84.7  
150 154.1 0.0 347.6



#76  
1,2,3-Trichloropropane  
Concen: 52.660 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.152 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

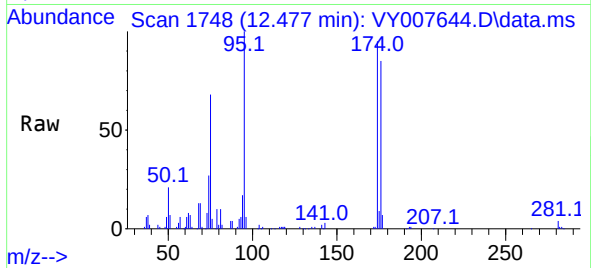
Tgt Ion: 75 Resp: 20224  
Ion Ratio Lower Upper  
75 100  
77 0.3 0.0 0.0#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 113.228 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. 0.104 min  
Lab File: VY007644.D  
Acq: 25 Feb 2022 18:08

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-1



Tgt Ion: 75 Resp: 20224  
Ion Ratio Lower Upper  
75 100  
53 0.0 85.3 127.9#  
89 0.0 37.0 55.4#

